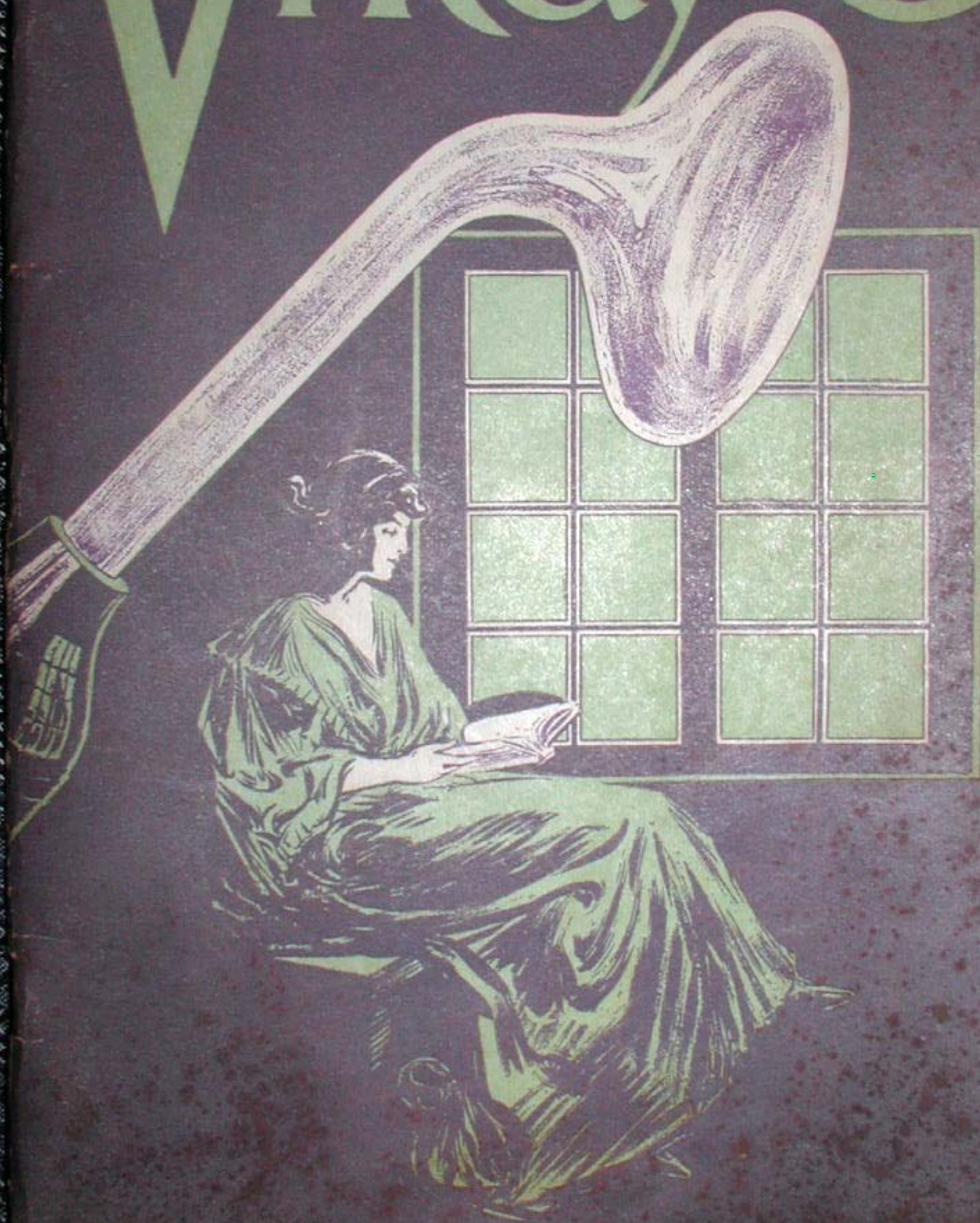


# Vi-Ray-O









# VI-RAY-O

RADIANT ELECTRIC ENERGY

FOR HEALTH, BEAUTY  
AND PHYSICAL  
STRENGTH

COPYRIGHT

WESTERN COIL COMPANY  
RACINE, WIS.





VIRAYO is the friend of every member of the family. Always ready to help. A cure for many diseases. A preventive for most. Let the VIRAYO reinvigorate your system with radiant electric energy; it brings to your home the most wonderful health benefits electricity has ever given to mankind. It builds blood, relieves suffering, benefits all vital organs. It is simple, safe and sure in action.



# VIOLET RAY

This is the only complete instructive booklet on the Violet Ray High Frequency Current, written in plain non-technical language which everybody can understand.



Its object is to tell in a simple, yet exact way what the wonderful Violet Rays really are and to explain the benefits of this great natural help to personal well being, health and vigor of mind and body.

It is one of the most marvelous of the valuable gifts of nature

which science has presented to mankind. It is now used the world over by eminent scientists of the medical profession.

It is a delightfully pleasant and effective method of using the marvelous power of electricity to comfort suffering, to relieve pain, to restore health and vitality, to give strength, to retain youth and to gain beauty.

It puts a new power in your hands for the restoration of vitality and the cure of disease in cases where other measures prove useless.

The practical and simple design of our perfected Virayo, the instrument that produces the Violet Ray for all uses, places the benefit of this power within the reach of everyone.

The different ailments which yield to the Violet Ray and the conditions which are restored and improved with a success known to no other form of treatment, are described in the following pages under their respective headings.

This booklet will give you the great fund of knowledge which modern science has revealed in perfecting High Frequency instruments for the benefit of health and physical strength and for the welfare and happiness of mankind.

**WESTERN COIL COMPANY**

**RACINE, WIS.**



# Vi-Ray-O

## THE WONDERFUL DISCOVERY

The world's great inventor Nikola Tesla whose achievements in electricity have repeatedly astonished the world, is the discoverer of the Violet Ray High Frequency Current. He announced his discovery in 1890. Ever since then it has been a favorite study of scientists. It now proves to be of the greatest importance to medicine and its relation to life.

Violet Ray High Frequency Current takes its name from the fact that it produces a radiant beautiful Violet glow and alternates with almost immeasurable frequency. The beautiful glow within the vacuum glass applicator is produced by electrified gaseous particles. The alternations are so rapid that they often exceed a million repetitions in a second.



## PLEASANT AND REFRESHING

When the electrical current undergoes this change in the Virayo it exerts its influence without the unpleasant sensation that usually accompanies the use of an ordinary electric current from so-called medical batteries. It is pleasant and wonderfully refreshing.

The Violet Ray may be described as a current stopping and starting with great rapidity and in this way producing an electrical vibration.

The amount of current used in the Virayo instrument is extremely small and the electric pressure when converted into Violet Rays is very great.

To use electrical terms in describing the Violet Ray, the voltage is greatly increased in comparison with the amperage while the alternations are multiplied in a most remarkable degree.

## NEW CURATIVE POWER

When the discovery of High Frequency was announced nearly 26 years ago it immediately attracted the attention of medical scientists as well as the world's great electricians. It revealed, at last, a method of applying values in electricity to curative purposes in a



# Vi-Ray-O

more effective manner than ever before. At the same time it offered a means of using electricity in a pleasing and agreeable way.

## APPRECIATED BY SCIENTISTS

While the medical profession was interested in the Violet Ray High Frequency Current from the day its discovery was announced, suitable instruments for producing it were not then at hand. The original Violet Ray instruments were too big and too expensive. The benefits of the Violet Ray were confined to the few who could afford it. The value of the Violet Ray to mankind was fully appreciated by the great minds of the scientists. They realized that it must be put within the reach of the suffering thousands everywhere.



Every claim for the Violet Ray made by great medical scientists was put to the rigid test of science. So wonderful, indeed, were the things claimed for this new discovery that people at that time doubted them.

It was said it would purify air by creating ozone. This was too wonderful to believe at first. In fact, some of the most eminent of the world's scientists spent years in experimenting before they would acknowledge that the Violet Ray generated ozone. They went further than that when the proof was all at hand and announced that it would drive ozone into the human body and invigorate the vital organs, the nerves and tissues by killing disease germs and restoring health.

## RESTORES YOUTH AND BEAUTY

It was said that the Violet Ray would produce results in restoring youth and beauty. For twenty years this claim was put to the test. Scientists in all the advanced civilized countries took up these claims. They kept the results of their experiments from the public for years. It was not until years afterwards that this claim which so many doubted was finally acknowledged to be true.

About twenty years ago prominent physicians began to treat patients with Violet Rays. At first they treated only a small list of ailments and diseases. In practically every case they found benefi-



# Vi-Ray-O

cial results. These results were reported to the medical profession and the list of ailments treated with benefit was gradually increased. Now this list contains more than two hundred diseases and ailments for which physicians recommend Violet Rays.

## EASY TO USE

The Virayo is so handy, so simple and easily and quickly used that its full benefits can always be had. It can be used with great success in the case of scores of ailments and treatments of only one to five minutes.

The busiest man can find time to use the Virayo.

The discovery of the marvelous Violet Ray will always be regarded as one of the greatest achievements of modern science.



## WORK FOR HUMANITY

Some of the world's most eminent men of science gave years of study to the Violet Ray. Among them were: D'Arsonval, Monnell, Strong, Snow, Eberhart, Neisswanger and Judd.

The experimental work done by these great men of science and the research they made was for the benefit of humanity. Now years after their work is completed the public is learning for the first time how much humanity is indebted to them.

## WONDERFUL ACHIEVEMENT

Medical reports today abound in articles on the Violet Ray. Every disease and ailment shown in the list given in this book is the subject of medical literature. Physicians know the power and value of Violet Ray and recommend its use even in cases which otherwise would be regarded as incurable.

The next great step in the development of the Violet Ray after completing the proof of its value to humanity was the perfection of the Virayo. Physicians welcomed the Virayo as a perfected instru-



---

# Vi-Ray-O

---

ment for producing the marvelous rays. The simplicity of design of the **Virayo** and the fact that anybody can use it the first time he sees it makes it the ideal instrument which physicians were glad to recommend for personal use and for general home use. There is almost daily need in nearly every family for the use of Violet Ray. It is so effective in warding off attacks when the first symptoms are noticed that in some seasons of the year its need is very frequent.

## VIOLET RAYS AND LIFE

All in nature is motion—action and reaction, ebb and flow. Motion is the primal indication of life. Forms of force such as light, heat, magnetism, etc., are fundamentally electrical vibrations.

The universe as a whole exemplifies only the varied expressions of one single principle, **vibration, electrical in its origin.**

Our modern system of philosophy connects the different branches of physical science into a glorious harmony. Today we can see and trace the various manifestations of nature to one common origin. In all forces, from the attraction of our planet to the sun to the vital phenomena of the human organism we have fundamentally **electrical vibrations.**

The Violet Ray High Frequency Current is a natural electrical vibration produced in an artificial manner. It has a close relation to the currents which traverse our nerves in the maintenance of life. The different nerve centers and different cells of our body are tuned to impressions of different wave lengths, as in wireless telegraphy a tuned receiver will respond only to a similarly tuned impulse.

## THE RAY OF LIFE

Vital force and electricity are in reality identical. Human beings sustain their marvelous toil only under an electrical drive. **Electricity and life are one.** The Violet Ray High Frequency Current has therefore been truly called the life giving ray, **THE RAY OF LIFE.** Light is the life-giver. It vitalizes, animates, creates. Light is energy.

The continuance of all life according to modern views is only possible by the radiant energy which we receive from the sun. From time immemorial its beneficial influence upon life has been recognized. At the present time we realize more than ever its full value. Radiant energy in the form of the **VIOLET RAY HIGH FREQUENCY CURRENT** is light and electricity combined which aids every vital function and quickens every cell in our body.



# Vi-Ray-O

Violet Rays supply our proper need of electricity when our natural supply is impaired. The use of the Violet Ray High Frequency Current until now has been limited. Heretofore it could be produced only by expensive instruments of comparatively large size which were difficult to understand and complicated to operate. The mechanical and electrical problems of manufacture have been solved by the **WESTERN COIL CO.** The small simple **Virayo** for the production and delivery of Violet Ray High Frequency Current for all curative needs is acknowledged as the perfected instrument.

## PRACTICAL AND RELIABLE

The **Virayo** is the first reliable and practical small portable instrument for home use. It is now within your reach at a small price.

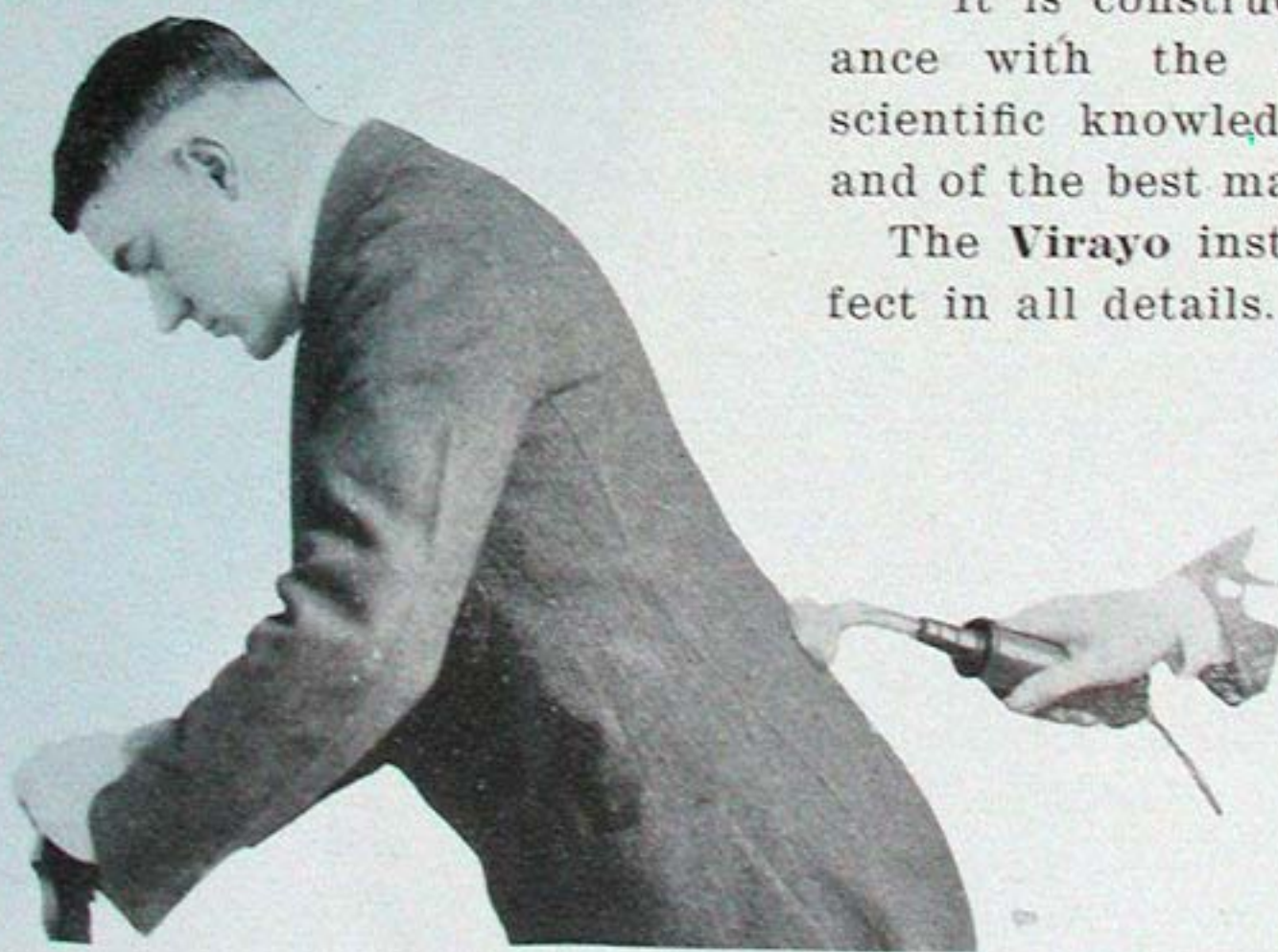
The wonderful **Virayo** can be operated by anyone because it is so simple in construction. It connects to any lamp socket, either alternating or direct current.

It can be operated by a child as well as an adult.

It is constructed in accordance with the most advanced scientific knowledge and practice and of the best material.

The **Virayo** instrument is perfect in all details. It is endorsed

by physicians all over the country for use in the home as well as for their own use in medical practice.



Lumbago Treatment.

## WONDERS OF THE VIOLET RAY

The Violet Ray High Frequency Current is applied in treatments through vacuum electrodes made of annealed glass. These electrodes or applicators diffuse the current. They are excited to a beautiful deep red and violet color by the High Frequency Electric-



# Vi-Ray-O

ity. The discharge from the glass applicator appears to the naked eye often as a single spark. It is in reality made up of a great number of successive sparks which vibrate to and fro or oscillate as it is technically termed.

These rapid oscillations running into the hundred thousands and sometimes millions per second, produce the following phenomena:

**FIRST:** They make the **VIOLET RAY HIGH FREQUENCY CURRENT Uni-Polar**, that means the current is applied from one pole. All other forms of electricity need a complete circuit between two poles.

**SECOND:** They traverse space in the form of ether waves similar to those electrical vibrations used in wireless telegraphy and wireless telephony. You may observe an electrode to emit light at a distance of several feet from a charged person. This is demonstrated in the following manner:

Attach the metal electrode No. 28 to the **VIRAYO** instrument and turn the current on. Keep the electrode in one hand. Approach any vacuum applicator with the other hand. It will then begin to glow though not in direct connection with the source of current itself. This experiment is best demonstrated in a somewhat darkened room.

**THIRD:** **VIOLET RAYS** penetrate easily all substances including those known as non-conductors or insulators. Paper, hard rubber, glass, wood are no obstacles to the **VIOLET RAY HIGH FREQUENCY CURRENT**.

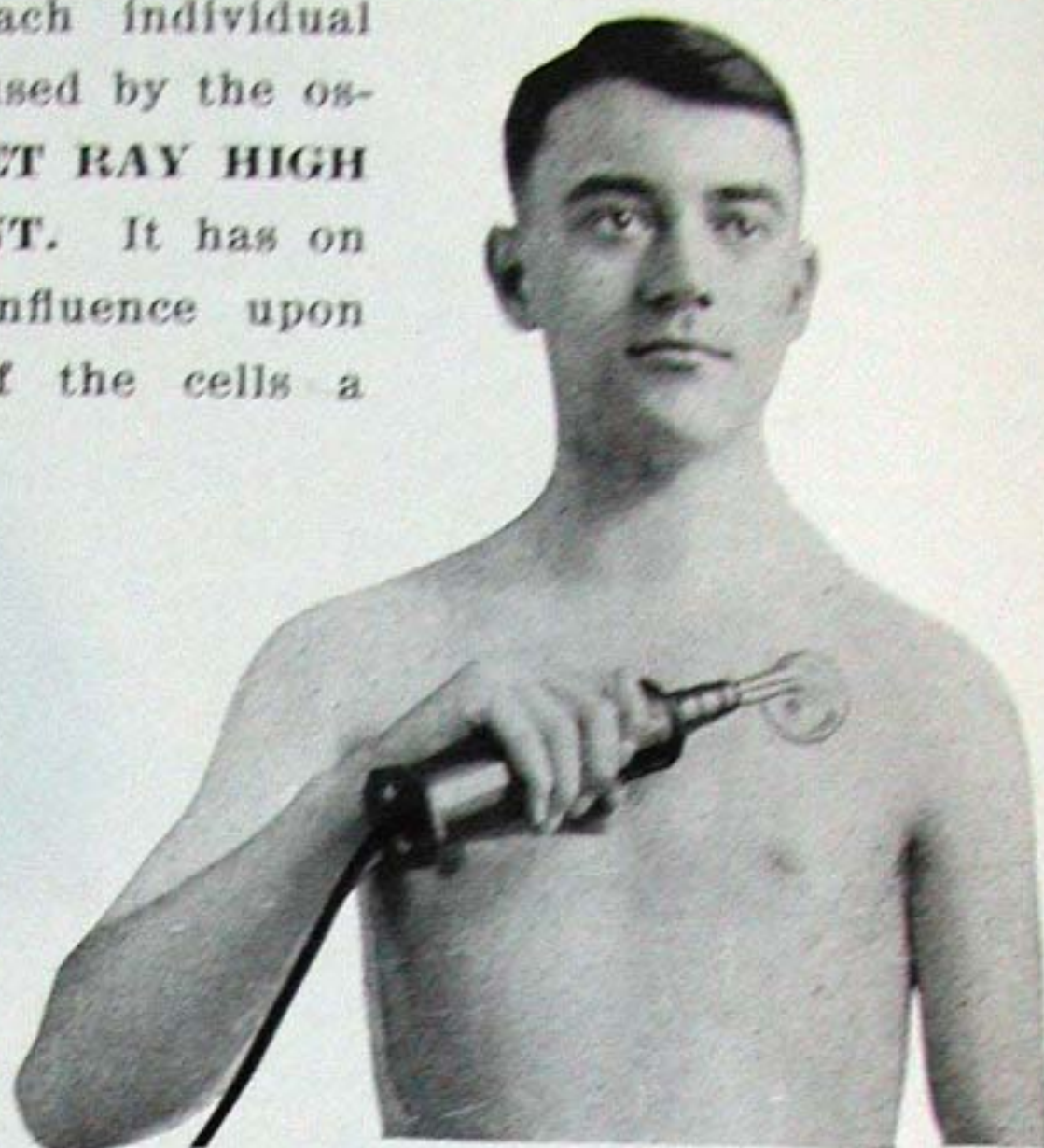
**FOURTH:** **VIOLET RAYS** ozonize the surrounding air. That is, the **VIOLET RAY HIGH FREQUENCY CURRENT** will convert the oxygen in the air into ozone. Ozone is only a concentrated form of oxygen. Oxygen is the first essential to life. Man is a breathing engine. Oxygen is the fuel for this engine. The fuel is supplied by breathing, thus taking in the oxygen in the air. We say that air is fresh or invigorating when it has a noticeable quantity of oxygen in it which gives it its quality of ozone. The pure and refreshing smell of ozone is unmistakable and easily recognized as soon as the **VIRAYO** instrument is set in operation. This beneficial element is driven by the **VIOLET RAYS** into the tissue and reaches the blood. This process is of great importance and will be found described in a later chapter.

**FIFTH:** **VIOLET RAYS** produce a cellular massage. Our body is composed of cells. The cellular massage is produced by the



# Vi-Ray-O

contractile effect on each individual cell. This effect is caused by the oscillations of the **VIOLET RAY HIGH FREQUENCY CURRENT**. It has on account of its great influence upon the physical energies of the cells a great effect on nutrition as is shown in another chapter of this booklet.



General Body Massage.

**SIXTH: VIOLET RAYS** are pleasant to everybody even to the most sensitive persons. They do not cause any pain or muscular contraction or disagreeable sensation of any sort. The reason for this is that our sensory nervous system cannot respond to the marvelously fast oscillations of the **VIOLET RAY HIGH FREQUENCY CURRENT**.



Treating Goitre and Throat Trouble.

It is equally true that our eyes are not capable of seeing all light rays that exist, as for instance, the infra-red or heat rays or the Ultra-Violet or chemical rays, and that our ears cannot hear sound waves of too high a pitch. It is thus that our sensory nerves do not comprehend the electrical vibrations of the **HIGH FREQUENCY CURRENT** and in consequence a pleasing sensation is given by the Violet Ray treatment.



## NO SHOCKS—NO PAIN

Shocks as they are well known from so-called medical batteries are impossible with the **VIOLET RAY HIGH FREQUENCY CURRENT**. The **VIOLET RAY HIGH FREQUENCY CURRENT** can be applied to the most sensitive parts and organs of the body, as for instance, the eyes. There is not the least danger connected with the use of the **VIRAYO** instrument, nor are habits developed by the constant use of it.

## THE VIRAYO ATOMIZES ELECTRIC CURRENT

The **VIRAYO HIGH FREQUENCY GENERATOR** is an electrical transforming device. It converts the thick flow of electric current into a discharge of mist-like electric energy. Just as a thick and forceful stream of water coming from a hydrant is changed into a fine spray for sprinkling flower gardens, so is the heavy electric current as it comes from the lamp or wall socket in your house too heavy and strong to apply to your sensitive nerves and cells until it is converted into **VIOLET RAYS**.

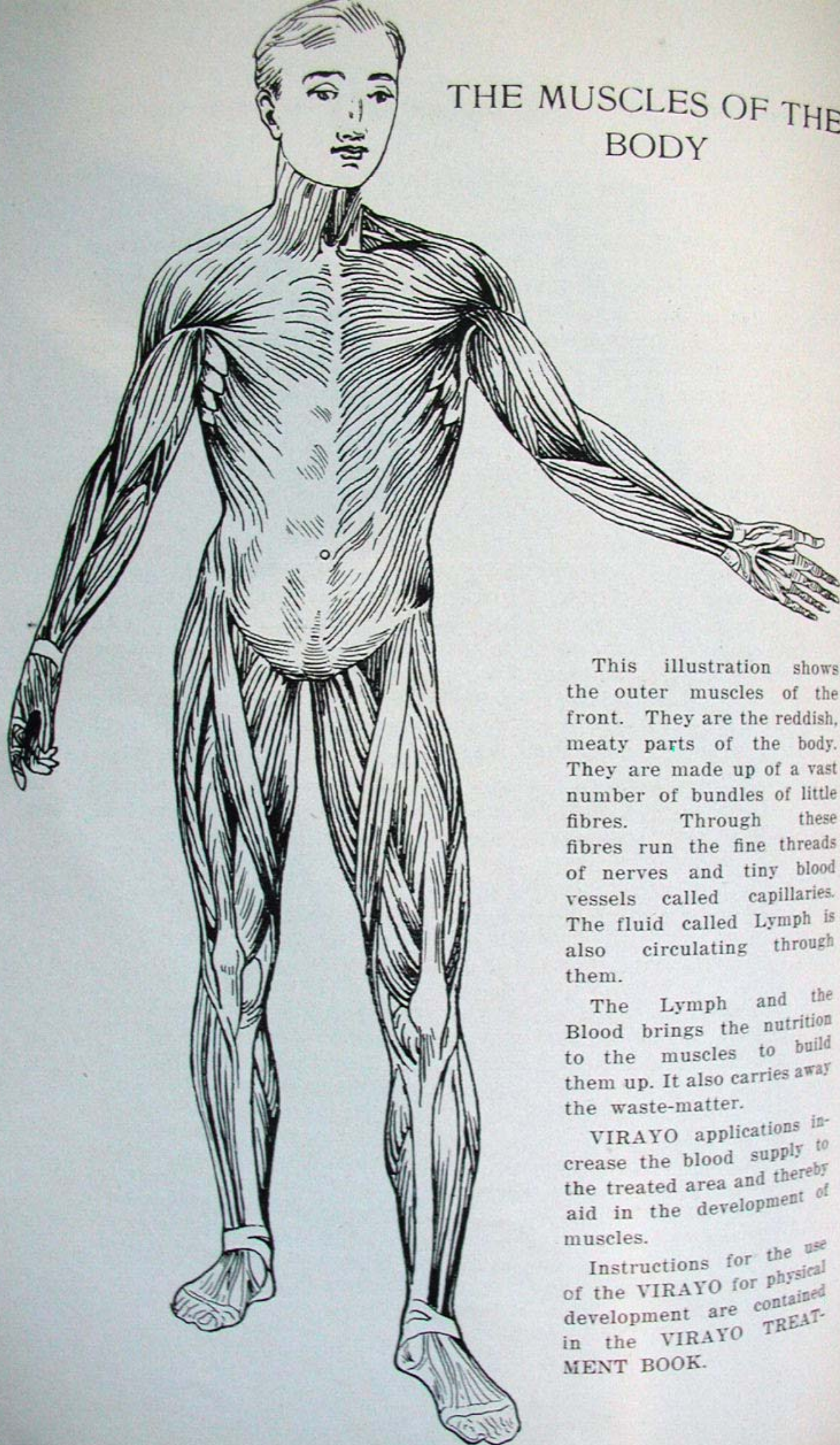
The **VIRAYO** instrument is the modern scientific means of supplying the nerves and cells of our body with atomized radiant electrical energy. It feeds your nerves with vitalizing electricity.

## GENERAL BENEFIT OF THE VIOLET RAY

The energies and capabilities which manifest themselves in the **VIOLET RAY HIGH FREQUENCY CURRENT** are apparent and recognized by all medical authorities. Their value in acute and chronic conditions in more than 200 different human ailments has become so marked that the mere acquaintance with the results obtained by others prompts the desire to employ them by all. Violet Rays reinvigorate the nervous system. They stimulate physiological functions of the body to perform their natural duties. We have in **VIOLET RAYS** the closest approach to artificial vital force that so far has been produced. Treatments with the **VIRAYO** at home or at the doctor's office are pleasing, agreeable and most exhilarating. They give us youth, beauty, health and strength.



## THE MUSCLES OF THE BODY



This illustration shows the outer muscles of the front. They are the reddish, meaty parts of the body. They are made up of a vast number of bundles of little fibres. Through these fibres run the fine threads of nerves and tiny blood vessels called capillaries. The fluid called Lymph is also circulating through them.

The Lymph and the Blood brings the nutrition to the muscles to build them up. It also carries away the waste-matter.

VIRAYO applications increase the blood supply to the treated area and thereby aid in the development of muscles.

Instructions for the use of the VIRAYO for physical development are contained in the VIRAYO TREATMENT BOOK.



## VIRAYO TREATMENTS and their Influence upon the Vital Functions of your Body

A normal state of vital functions is absolutely necessary for the continuation of the sound condition of our body which is called health.

The smallest living units which modern medical science knows are the cells. Our body is composed of cells. There are millions and millions of them. They form the different parts and organs of the body.



Relieving a Headache.

Every single cell in the body, small as it is, has life. It actually lives. It breathes as it takes in oxygen from the blood. It eats as it takes its nourishment from the chemical constituents of

the blood. It rids itself of waste material which is washed away also by the blood. These physical properties of the cells are called cell-life, and their normal activities are vital to our health. They are acted upon by **VIRAYO** in a most beneficial way. They respond to the stimulating effect of the **HIGH FREQUENCY** oscillations.

These oscillations expend upon each individual cell a contractile effect called cellular massage. The strength and vitality of each individual cell is increased by cellular massage.

By restoring the vitality or increasing the efficiency of the cells the oscillations of the **VIOLET RAY** restore the organs of the body to their normal power. This is reflected in improved health and greater physical vitality.

Cellular Massage can only be accomplished by electricity itself. Massage by hands and by mechanical means of so-called vibrators can not contribute to the energies of the cells; they simply act upon nature's internal resources which often are at a low ebb. In fact they make a demand upon the already weakened energies of the cells.



Electricity in the form of **VIRAYO** treatments, however, reinforces the energies of the cells without any reaction. They stimulate through their cellular massage without causing depression.

In a condition of profound exhaustion, and in acute or chronic diseases this property of **VIRAYO** treatments is valuable beyond measure. **VIRAYO** treatments supplement and strengthen all cell functions thereby producing a vitalizing effect.

Healthy cell life much depends on the good circulation and perfect properties of the blood.

**VIRAYO** treatments act upon the blood itself and its circulation through the entire system.

## IMPROVES THE BLOOD

The blood stream conveys the required nutriment to all cells in all parts of the body. **Pure blood makes us immune to disease.** It is only when the blood is impure that we are in danger from disease. **VIRAYO** treatments **ozonize** and **purify** the blood. Ozone or concentrated oxygen can be told by its odor as soon as the treatment with the **VIRAYO** begins. Whenever the **VIOLET RAY HIGH FREQUENCY CURRENT** passes through the air it produces the life giving ozone.

**Ozone** is nature's marvelous germicide. It attacks germs and bacteria. Particles of this antiseptic or germ destroying ozone are driven through the skin into the blood and then carried through the entire system by the blood. This process is called **ozonization**.

Ozonization of the blood by **VIRAYO** applications shows besides its decided germicidal action an increase in the number of red blood corpuscles. These are solid particles which show a strong affinity for oxygen. When they decrease in their number we become **anaemic**, the usual symptoms of which are paleness, weakness, general loss of vitality.

**Anaemia** is a dangerous state of the blood which opens the door to functional troubles and disease. We can successfully counteract such subnormal state of the blood by **VIRAYO** treatments. It is a great merit of the **VIOLET RAY HIGH FREQUENCY CURRENT** that it helps clear the impeded channels of absorption and enables other blood foods to reach their destination and fulfill their proper mission.

In diseased conditions you can restore the impaired qualities of the blood to the normal state by increasing the bacteria-killing action of the blood through **ozonization**. You increase your vital resistance and fortify yourself against infections.



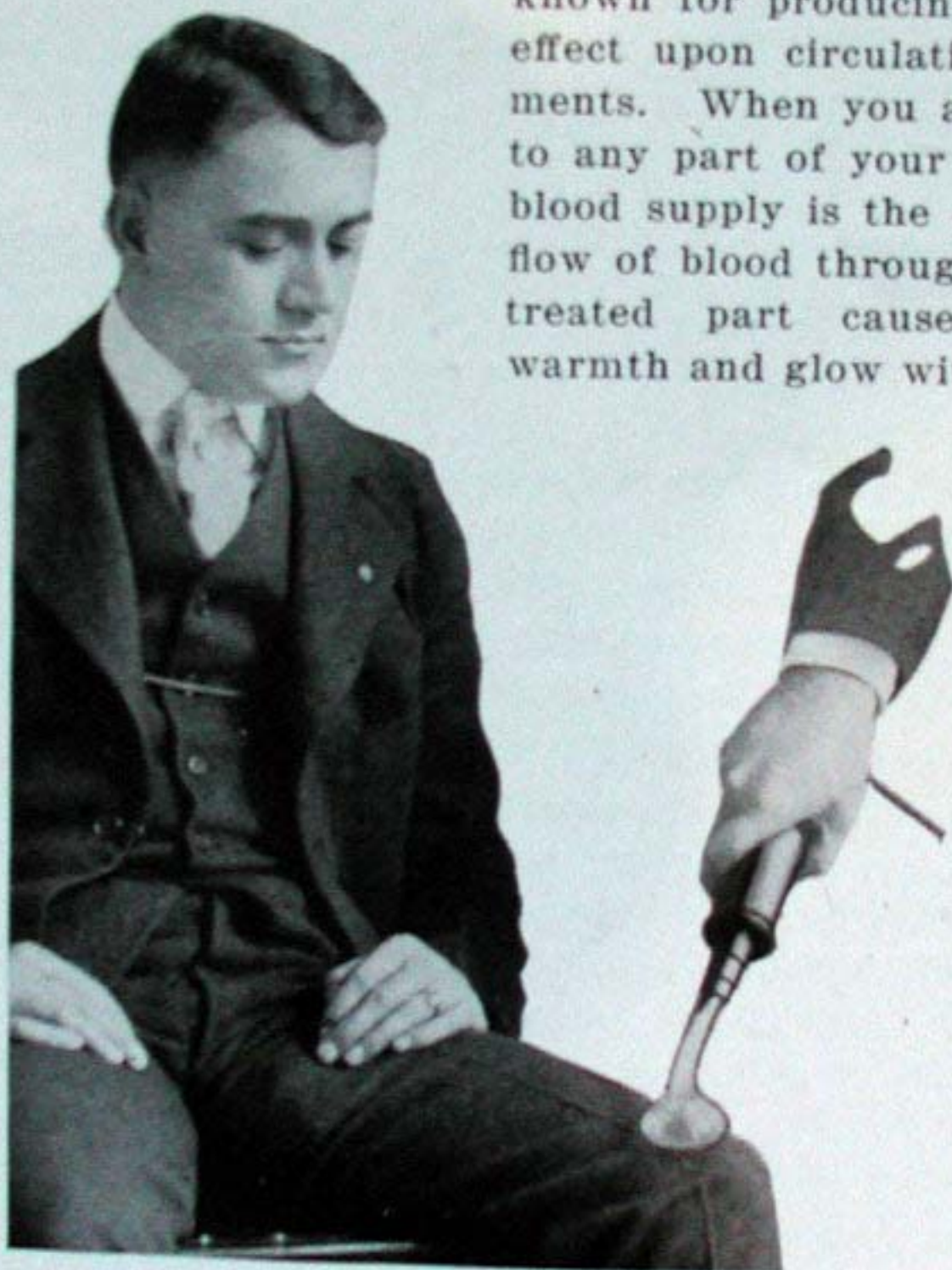
# Vi-Ray-O

It has been estimated from medical statistics that nine-tenths of all acute diseases result from initial poverty of the blood and improper circulation.

If the movement of the blood is interfered with a local or general disturbance in your health is the result.

## NO BETTER HELP

There is no other and better agent known for producing immediate and direct effect upon circulation than **VIRAYO** treatments. When you apply the **VIOLET RAY** to any part of your body an increase of the blood supply is the quick result. An active flow of blood through the vessels of the treated part causes a refreshing, healthy warmth and glow within a few seconds.



The blood vessels themselves are beneficially influenced by the **VIRAYO** treatments as the **HIGH FREQUENCY CURRENTS** tend to strengthen the walls of the veins, arteries and capillaries and relieve them of undue pressure.

Another procedure going on within your body and of great importance is the chemical exchange

**Application for Rheumatism of Knee.**  
steadily taking place in living tissue.

All activity depends on the proper assimilation and distribution of the chemical compound which you take in in the form of food. The chemical combustion of food strengthens us. It replaces the minute portions which are wearing away or which are destroyed in the course of normal activity.



## PROMOTES METABOLISM

Chemical combustion furnishes us with new energy and maintains an equilibrium necessary in order to live. This capability of your body to distribute and assimilate foods properly and to re-arrange the smallest particles of living matter is called "metabolism."

Your being well, your health, depends upon your metabolism. Improper metabolism causes diabetes, characterized by the presence of sugar in the blood and urine. It causes gout, characterized by the presence of insoluble uric acid in the tissues. It causes obesity and many other diseases.

**VIRAYO** treatments act most beneficially upon metabolism in whatever form the treatments may be taken. They accelerate the organic changes and the combustion which takes place within your cells.

Ailments which are due to slackening of nutrition (faulty metabolism) are therefore relieved by **VIRAYO TREATMENTS**.

They promote metabolism in its completeness and also help to eliminate more thoroughly waste.

They assist the sweat glands, the kidneys and the liver in their proper activity.

Metabolism is indeed very closely connected with digestion. Impaired digestion known as dyspepsia, indigestion, catarrh of the stomach and other diseases of the digestive tract respond to **VIRAYO** treatments and are treated under separate headings.

**VIRAYO** treatments have also a marked effect upon respiration. Whenever the instrument is set in operation the ozone developed during the application causes an immediate tendency to take a deep and full breath. You will breathe with more than ordinary satisfaction during or after a **VIRAYO** treatment. This increased activity in the process of respiration will cause you to take a greater amount of oxygen into your lungs by breathing.

The general effect of **VIRAYO** treatments upon all the vital functions of your body is a strong tonic action. They stimulate without reaction.

They add energy to the energy which the body must keep up in a potential form and which may be used as needed in all the processes of the vital functions.

## HELPS THE NERVOUS SYSTEM

As vital functions of your body are more or less controlled by nerves it is extremely important to know that **VIRAYO** treatments will increase the functional power of your nervous system.



The nervous system consists chiefly of the brain, the spinal cord and branches of these two. Nerves go to every part of the body. The one purpose of the nerves is to carry sensations such as feeling and so on from the body to the brain. The other to transmit impulses as for instance motion from the brain to parts or organs of the body.

The nerves also supersede the work of the blood vessels in rebuilding the cells and removing waste. However, their action is accomplished unconsciously. The nerves of sense are directly connected from the brain itself with the eyes, ears, nose and tongue.

From the spinal cord which is concealed within the vertebrae or bones of the spine the nerves branch out at each side. They do not run straight to the various parts or organs of the body but unite in groups and form the centers of reflexes or the sympathetic systems. By treating the different nerve centers with the **VIRAYO** you can exert an influence upon the organ controlled by them.

(See Page 49.)

## RELIEVES AND CURES

It is one of the most striking effects that the **VIOLET RAY HIGH FREQUENCY CURRENT** will almost immediately relieve and later permanently cure cases of long standing nervous dyspepsia and constipation if applied over the abdomen.

People whose hands and feet had been cold and numb for months react immediately to **VIRAYO** treatments. The flesh and nails become pink again, sensation returns and a pleasant glow fills the entire body.

**VIRAYO** treatments have a soothing tonic effect on the complete nervous system. They exert a calming influence upon the excitability of your nerves. The results of these effects can readily be observed in the response of glands which your nerves control. It may be noted in secretion, in metabolism and in the perspiration which ensues by application to certain parts of the body.

**VIRAYO** treatments carry into the nervous system a potential energy which reinforces the vitality of your nerves.

**VIOLET RAYS** present an electrical food to your nerves.

All nerves including the spinal cord, exhibit an electric cur-



Relieving the Pain of an Aching Corn.



# Vi-Ray-O

rent as has been demonstrated by science. In the brain itself occur electromotive changes during its activity. In fact all processes of nature are identified with electrical manifestations.

## RESULTS OF VIRAYO TREATMENTS

When you apply the VIRAYO directly or indirectly, either as a sedative or as a stimulant you obtain a powerful tonic to all nerves.

It tones nerve centers and the nerve endings and all nerve functions, the muscular fibres and blood vessels and capillaries and the force of the heart.

It gives an ozonizing tonic to the blood and increases the number of red corpuscles in the blood.

It is a promoter of the metabolic exchanges, a tonic to the energies of respiration, a destroyer of uric acid, a tonic to the completion of combustion in the tissues and the production of heat energy and the maintenance of normal temperature.

It is a tonic to the secretion of glands and the excretory functions of all organs of the body and to the skin, and a tonic to appetite.

It fills you with the radiant energy which increases your vitality—your efficiency.

It is a natural foe of disease.

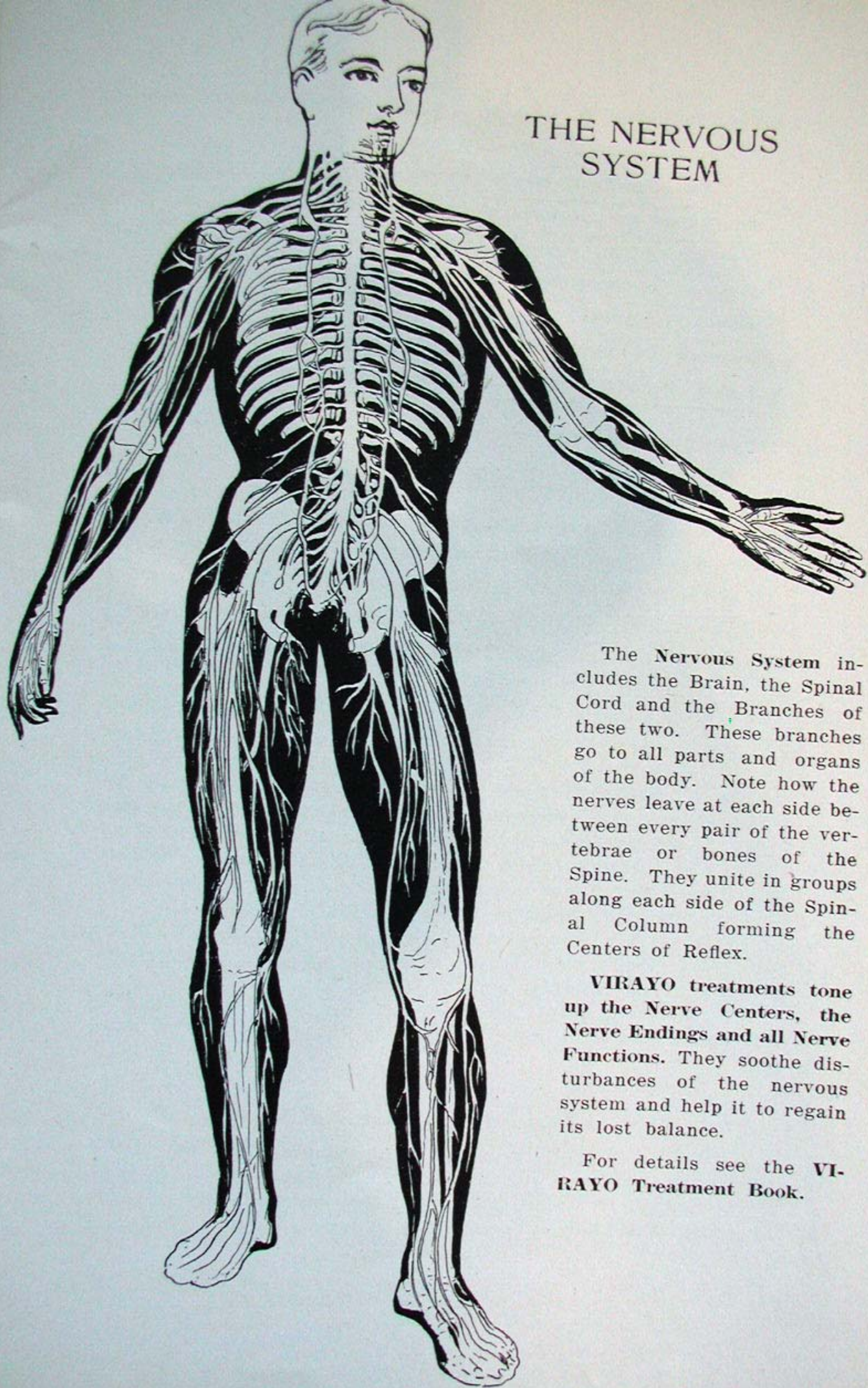
## GENERAL EFFECT OF VIRAYO APPLICATIONS

The effects of VIRAYO treatments are lasting. Wherever the vital force of the human system is depleted, the VIRAYO treatment will be of great help and produce definite curative results.

Unlike the usual effect of medicines VIRAYO treatments do not produce any by-effects. They do not develop habits. The need for treatments decrease instead of increase. By their action upon metabolism, nutrition and circulation and by their general stimulation of vital functions they increase the enduring efficiency of the human body.



## THE NERVOUS SYSTEM



The Nervous System includes the Brain, the Spinal Cord and the Branches of these two. These branches go to all parts and organs of the body. Note how the nerves leave at each side between every pair of the vertebrae or bones of the Spine. They unite in groups along each side of the Spinal Column forming the Centers of Reflex.

**VIRAYO** treatments tone up the Nerve Centers, the Nerve Endings and all Nerve Functions. They soothe disturbances of the nervous system and help it to regain its lost balance.

For details see the **VI-RAYO Treatment Book**.



# Vi-Ray-O

The beneficial effects which result from VIRAYO treatments are: refreshing sleep, soothing effect on the nervous system, increase of strength and vital energy, increase in cheerfulness and power for work, improvement in appetite, digestion, nutrition and metabolism, increase of secretions, general progressive improvements and betterment of all the functions of the body.

## TREATMENT BOOK

The treatment book which contains charts and full directions is furnished with each instrument. It gives detailed information about the use of the different applicators. It tells exactly how and where to apply the Violet Ray.

## VIRAYO TREATMENTS AND TISSUE RESISTANCE

An all important result of VIRAYO treatments is the increase of the normal resisting power of the healthy tissue of your body. It increases your tissue resistance against exposure and all the outside influences which cause infection and disease. As long as you keep your tissue resistance at normal, your organs, blood, etc., are practically proof against sickness and disease.

VIRAYO is a preventive as well as a cure of sickness. When your tissue resistance falls below normal you can promptly restore its normal energies with VIRAYO treatments.

Whenever an attack of some sort threatens you, VIRAYO treatments should be used immediately to prevent serious sickness.

## SIMPLICITY OF OPERATION

VIRAYO applications are extremely simple. The minute you receive the instrument you can use it for its good effects. A child can understand its manipulation. Full instructions for the use, how to connect it and how to operate it go with each outfit.



# Vi-Ray-O

## PREVENTIVE VIRAYO TREATMENTS

A vigorous tonic dosage of VIRAYO current applied to the nerve centers of the spine does wonders as a preventive. A strong spray should also be applied over the abdomen, over the region of the stomach and the liver. Finish this preventive treatment with a stimulating application over the chest and take ozone inhalations for a few minutes with the Western Coil Co. Ozone Generator.

It is surprising how quick the benefits of such an application become noticeable, in fact there is no other agent known which will so decisively and quickly reinvigorate your system and restore your resistance power to normal. Do not be afraid of overdoing this treatment; it can be repeated any time according to the state of feeling.



Painful Shoulder is Quickly Relieved.

## DESIGNED FOR HOME USE

The VIRAYO has been especially designed for home use. It is the product of over four years of hard work and experimentation.

It is a **reliable** article, perfect in all details of construction. It is the **most efficient Violet Ray Machine** made today, capable of actually giving the current output necessary to obtain satisfying results.

Many thousands of them are on the market. They are used in Hospitals. The construction of the machine is so simple that anyone can operate it. A little knob at the back end of the instrument controls the current. You can obtain any desired strength of the **Violet Ray**, from a mild, soothing glow to a powerful stimulating spray of high frequency sparks. Simply turn the knob. To increase the current turn to the right, to decrease turn to the left. The VIRAYO attaches to any electric light socket, either alternating or



direct current. It is made for any voltage. The simplicity and ease of operation, its readiness at all times, permit any one to obtain most gratifying results within a surprisingly short time.

## HOME TREATMENTS

It is exceedingly important to realize that you can take treatments right at **your own home**. With the aid of our directions and the **treatment book** it is a simple matter to take and give Violet Ray applications. You need not be an electrical expert to understand the operation of the instrument. Nor will you need a great medical knowledge for the proper use of the Violet Ray. Just use common sense and follow our **instructions**.

## IN THE COUNTRY

and other places where there is no electric current, our battery outfit is meeting with the biggest success. This outfit receives its power from a battery contained within the box. It is very compact and simple to operate. The battery is powerful and lasts for a long time. If run down after many months it is easily renewed at a small cost. The outfit does not have to be returned to us for renewal. You are in a position to do the changing yourself. This battery outfit has proved to be a great help to doctors who desire to give treatments in homes where there is no electric current. All applicators can successfully be used in connection with this battery outfit.

## DIFFERENT EFFECTS OBTAINABLE BY VIRAYO TREATMENTS

VIRAYO treatments can exert different effects according to their way of administration.

**FIRST**—They can be sedative or quieting. You can charge your entire body with the Violet Ray high frequency current. You can electrify yourself completely. You can calm painful sensations by sedative treatments; besides sedative action is strongly constitutional in its effect. Sedative treatments are of great benefit in all nervous ailments. They tranquillize your nerves. Sedation can be produced locally by keeping the applicator in close contact with the part to be treated. Nervous troubles are quickly and most beneficially



# Vi-Ray-O

influenced by the sedative Virayo current. A general electrification treatment refreshes the entire nervous system.

**SECOND**—They can be stimulative. Stimulation is produced whenever an electrode is somewhat lifted during the application.

This stimulation is caused by the many small sparks called the **High Frequency Spray**. They bombard the area which they cover causing a tingling but pleasant sensation. They have a beneficial heating effect too. Besides they generate ozone. Particles of this ozone are driven right into the tissues causing the ozonization of the blood.

Stimulating **VIRAYO** treatments are best produced by application through the clothing or through a towel which has been put over the part to be treated. As the length of the stimulating spray depends on the thickness of the interposed dry resistance, that is the clothing or towel, any desired effect is obtainable. From a handkerchief to a doubled Turkish towel can be used for this purpose. The use of any kind of clothes insures a uniformity in spark length which cannot be obtained in any other way. Powdering the skin with talcum powder often suffices to create the desired dry resistance. This will at the same time allow an easy sliding of the applicator. A slight perspiration results from the treatment. If the application of talcum powder is not desirable the use of **W. C. Co. Lubricant** is recommended.

Stimulating treatments through clothing find a profound use in **rheumatism, lumbago, partial paralysis, etc.** Slight stimulation is also sometimes desired in skin troubles where the blood circulation is impaired. A single layer of a handkerchief presents enough resistance in such a case. **Chronic rheumatic troubles** however may require the use of several layers, at least two of a turkish towel.

Long sprays from the **VIRAYO** will cause a **counter irritation**. Counter irritation relieves wonderfully quick pains of many sorts. It is often the very welcome means to kill the dreadful pain of a sud-



Nothing To Equal It  
For Indigestion.



den toothache. You will appreciate this pain relieving quality of the VIRAYO in sprains, bruises, etc. Counter irritating VIRAYO applications are better, swifter, and more effective than plasters and lineaments. In fact they replace them entirely. Stimulating VIRAYO treatments are long lasting in their effects. They are not like drugs or a glass of wine because they are not followed by a reaction. They do not create any habits.

## THE DIFFERENT WAYS OF TAKING TREATMENTS

VIRAYO applications do not have to be of long duration. Comparatively short treatments repeated at convenience are very effective.



**FIRST—Local applications.** They are taken or given with anyone of the specific surface or orificial applicators made for the purpose.

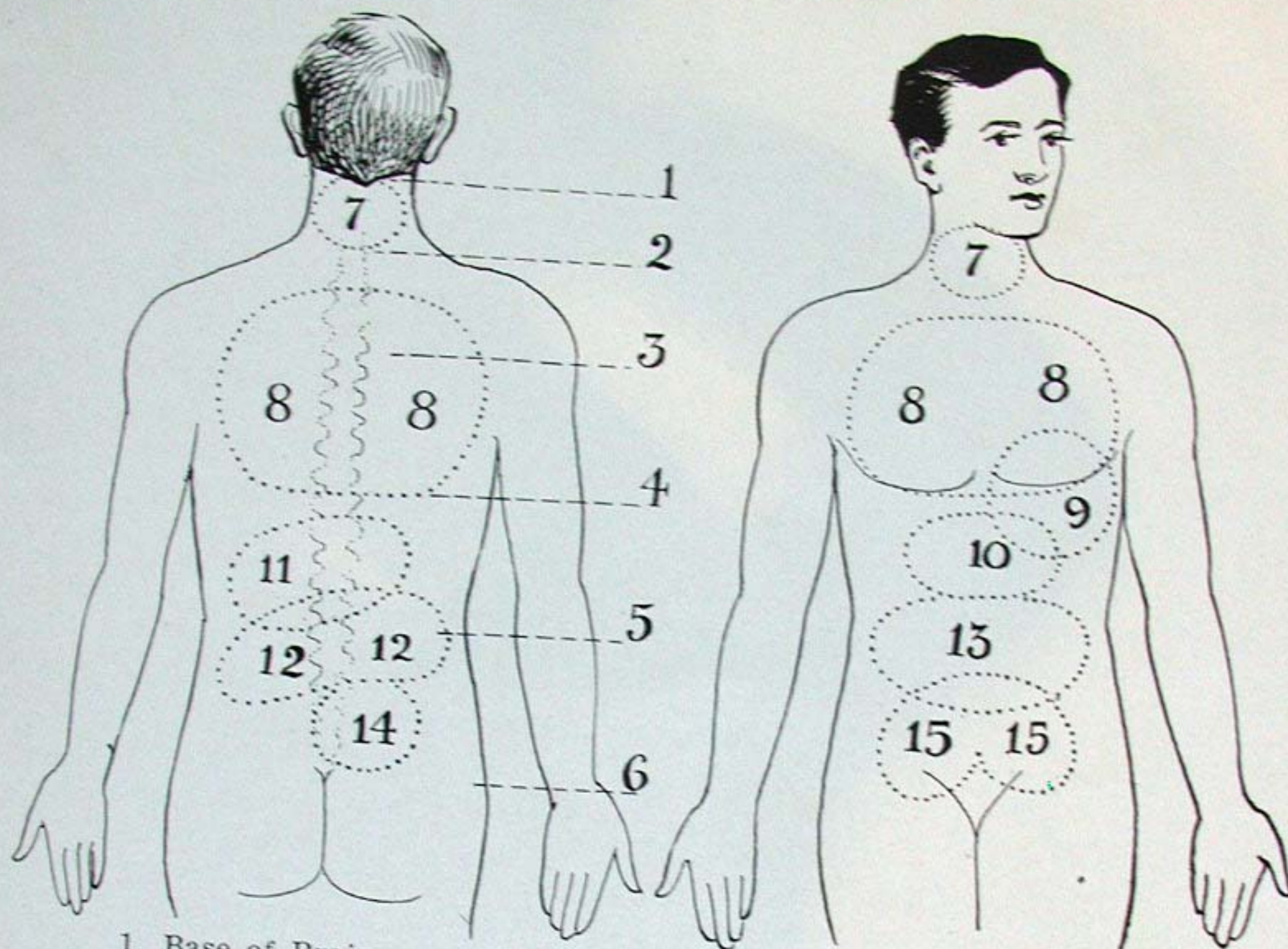
**SECOND—General application.** They are taken as so-called electrification treatment for the effect on your general condition. You charge your entire body with electric energy by holding

Treating an Ear-Ache and Catarrhal Deafness. an applicator in one or both hands. The effect thus obtained is sedative.

**THIRD—Indirect application.** The indirect method of applying VIRAYO current combines the local and general method of treatment. It requires two people. The party to be treated holds the instrument with attached applicator. The second party then draws with either hand, finger-tips or another electrode the high frequency current to the desired spot of the patient's body. In this way a combination treatment is accomplished as the electric cellular massage of the high frequency current can be successfully combined with the mechanical massage of the operators hands or fingers. This indirect method is considered as very effective. It presents a most agreeable way of administering Violet Rays to the eyes for instance. Also all other sensitive organs of the body can be treated easily and without discomfort by the indirect method. For the removal of warts, moles, etc., the indirect method is ideal.



## THE VITAL ORGANS



1. Base of Brain.
2. Center of Neck.
3. Middle of Shoulder.
4. Middle of Back.
5. Hips.

6. End of Spine.
7. Neck and Throat.
8. Lungs.
9. Heart.
10. Stomach.

11. Liver.
12. Kidneys.
13. Bowels.
14. Spleen.
15. Loins.

The physiologic-medical properties of the Violet Ray High Frequency Current are of general benefit to all the vital organs of the body. **VIRAYO** applications represent a great aid toward improvement in the functions of these important organs. They increase the elimination of all poisonous products from them. They vitalize them in general. They flush the blood through all the capillaries, open the sweat-glands, relieve congestion and cause a general sensation of warmth and well-being. We obtain with Violet Rays a general systemic vitalization, which we can not obtain by any other agent.





Removing a Wart.

## ABOUT FULGURATION

There is still another method of application for the Violet Ray termed technically as **Fulguration**. By this process is meant the application of the high frequency spray to diseased growths, warts, moles, naevi, etc., for the purpose of removal.

No bleeding results by using the Fulguration method for removal of tissue. It is therefore ideal. It is not painful and by applying it the indirect way no disagreeable sensation is felt.

## NERVOUSNESS

Derangement or disturbance of the nervous system in the present days of "hustle" are common. We speak of nervousness as something very familiar. Most of all civilized men have a touch of nervousness. Especially Americans. Our intense striving at work and at play which characterizes us, has brought about the modern nervous condition called so conveniently "**AMERICANITIS**." Americanitis is the common form of **Neurasthenia**. Excitement in business and social life, worry, overwork, neglect of our own self in regard to eating and rest are much to blame for the causes of Neurasthenia.



## NEURASTHENIA

Neurasthenia also called **nervous debility, nervous prostration**, is a depression due to exhaustion of nerve energy. In fact all symptoms resulting from some functional disorder of the nervous system with severe depression of the vital forces are combined under the comprehensive name of Neurasthenia. Neurasthenics have the tendency to fatigue easily, lack energy, have little power for work, feel pains of vague character, have an impaired memory, little sleep and no appetite, suffer from constipation, etc. Sometimes the whole body is affected; sometimes the indications are limited to a certain part as the brain, the abdomen, the sexual organs, etc. While Neurasthenia in its early stage does not appear as a disease grave enough to require attention but merely as a nuisance, it should not be neglected. The consequences of neglect are far reaching. A downward drifting health due to Neurasthenia may mean physical wreckage, hypochondria, suicide or insanity in the end. The best cure for Neurasthenia is a series of early **VIRAYO** treatments. General electrification is helpful, but the administration of the **VIRAYO** current

to the chief nerve centers is more important. Spinal applications to the whole length of the spine from the middle of the shoulder down to the end of the spine act sedative-tonic. A few of such applications do wonders. They should be assisted by a short treatment over the abdomen and over the liver. If headaches accompany the symptoms of Neurasthenia treat the area where it occurs or any other seat of pain. If any muscles or joints are affected by painful sensations they should also be included in the treatment. Each treatment for Neurasthenia should be as thorough as possible. **Ozone treatments with the W. C. Co. Ozone Generator** are of additional help in any nervous



**Making the Touch of Lumbago  
Disappear.**



condition. It should be said here that all drugs and so-called remedies for nervousness do little good, if any at all. With VIRAYO applications and Ozone treatments we can support nature with the resources of a physiologic stimulus.

## NEURITIS

**Neuritis** is an inflamed condition of the nerves. Any nerve can be affected. Pain and tenderness extend usually over the whole diseased nerve trunk. **VIRAYO applications will cure neuritis positively.** A mild current should be used at first, and the electrode kept in close contact with the body moving it lightly without pressure over the affected area.

In some cases an increase of the pain may be noted at the beginning of the treatment. However, this state is soon overcome. Then a more powerful spray in form of a stimulation can be applied.

## NEURALGIA

**Neuralgia** is the definition of a pain caused by a starved nerve and its cry for food. VIRAYO treatments quickly relieve neuralgic pains. Neuralgia can appear at very many and different places and we know today of facial neuralgia, ovarian neuralgia, neuralgia of the large nerve of the thigh, between hip and knee, also known as sciatica, etc. VIRAYO treatments stimulate the blood circulation and in this manner supply the nerves with new food.



Treating the Vocal Chord, an excellent help for your voice.

In all nervous troubles VIRAYO applications offer help which cannot come from any other natural source without harming or aggravating the condition of the sufferer. The Violet Ray stimulates the work of every organ to which it is applied and by its tonic effect urges the rebuilding of worn tissue. Nerves reach to every part of the body and therefore in all nervous troubles Violet Rays should not be confined to the seat of pain but extend to the great nerve center, the spine, the digestive organs and the excretory organs. Considering that the stomach and other digestive organs including the intestines have to furnish the necessary nutrition for our nerves from food we must see that our digestion is as perfect as possible.



# Vi-Ray-O

We also must carefully avoid the accumulation of waste in our body. Toxins or waste matter will poison our nerve cells. We can readily see that the cause of many nervous troubles is not to be found in the nervous system itself, but outside of it. The greatest beneficial influence which we receive from VIRAYO treatments is its tendency to promote **metabolism** as has been explained before at length. Perfect metabolism will give us perfect nerves and intelligent VIRAYO treatments are the best means which science has yet found to establish a sound metabolism. All nervousness can be overcome if we use VIRAYO treatments as first resort.

Do not imagine that you are too nervous for VIRAYO treatments. Violet Rays are tranquilizing and soothing even to the most sensitive nervous system. There are no shocks or pains.

## SCIATICA

Sciatica is an affection of the great sciatic nerve trunk. Its cause is found in neuralgia and also sometimes in rheumatism. The sciatic nerves run down the thigh from hip to knee. They lie near the bones deep under the heavy muscles. Sometimes they become so inflamed and tender that even the slightest pressure causes an extreme pain. A counter irritating discharge applied through the clothing or over the painful area will bring quick relief.

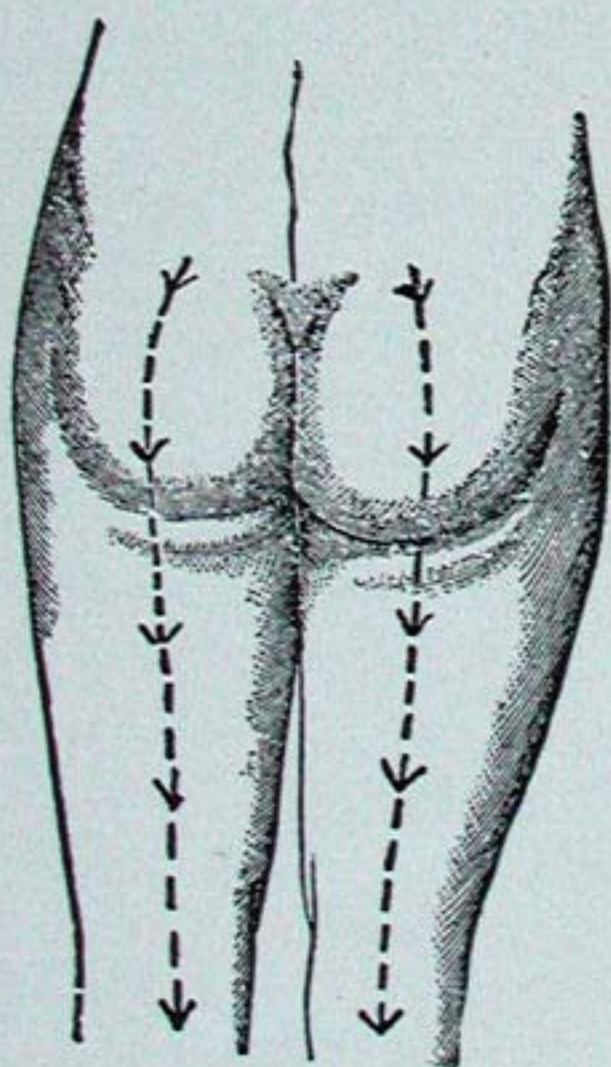


Illustration  
Showing the Location of the  
Great Sciatic Nerves

## RHEUMATISM

Rheumatic conditions in whatever form they may appear are some of the most painful and annoying ailments. There are many theories evolved regarding their cause, but none of them is universally convincing to all scientists. Uric acid in the blood and deposited in the tissues under certain conditions is without question responsible for many of the rheumatic troubles.

Uric acid also causes **gout**, and other ills. But no matter what the cause of rheumatism in all its phases may be we know that drugs will have little value in relieving it. One of the most common



# Vi-Ray-O

forms of rheumatism is the kind called **muscular**. It often affects the lumbar region of the back and is then called **lumbago**.

If it attacks the cervical muscle it is commonly spoken of as **Stiff Neck** or **Wry-Neck**.

Rheumatism can be acute or chronic. **Acute rheumatism**, **rheumatic fever**, **inflammatory rheumatism**, or whatever name the typical rheumatic attack may be called comes on very suddenly. Inasmuch as rheumatic conditions, even though they may be accompanied by fever are very seldom detrimental, they are likely to cause a weakening of the whole body or a deformation of some vital organ as for instance the heart.

All the different forms of rheumatism, acute or chronic will respond to **VIRAYO** treatments. Despite the tenderness of some rheumatic parts or swollen joints, the Violet Ray does not hurt and is the best agent known today to relieve the suffering of the dreadful pains.

**Lumbago**, **stiffneck**, a painful shoulder cease to exist almost instantly after a **VIRAYO** application. In only a few minutes we can banish stiffness, aches and impeded movement.

In **Chronic rheumatic conditions** full benefit can be had by repeated **VIRAYO** applications. While relief will be felt already after the first treatment, a decisive cure can be expected in the prolonged use of the Violet Ray. The Violet Ray, its beneficial heat, its slight but effective counter irritation, its stimulating action on blood circulation is a definite swift and decisive curative remedy for all rheumatic conditions. Exudates are driven back into circulation, the impaired blood vessels lose their congestion and the pressures which give rise to pain will cease. You will feel comfortable and well again after a few **VIRAYO** applications.

The best way to cure rheumatism is to treat the affected part frequently. The current should be mild in cases where severe tenderness of swollen joints prevent the use of a



Helping the Painful  
Knee and Restoring  
Knee Movement.

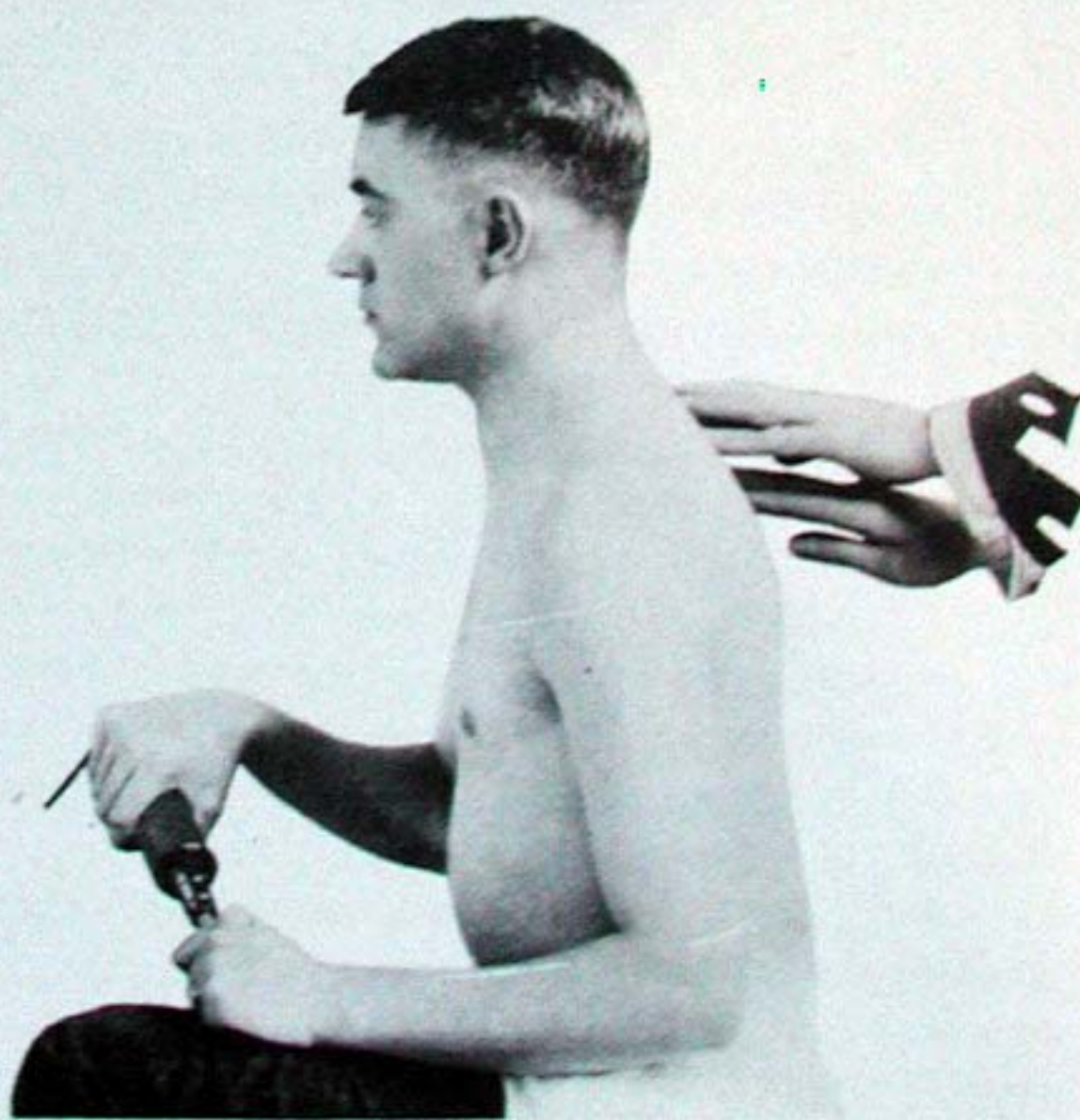


# Vi-Ray-O

sharp high frequency spray. In lumbago, stiff neck, etc., a counter-irritating application through the clothing or a turkish towel proves most effective. Pain which is caused by straining the muscles disappears during the treatment. Treatments over the abdomen and up and down the spine in rheumatic and gouty conditions are also helpful. Uric acid and other poisons which cause the trouble and are accumulated in our system are through the beneficial action of the high frequency current loosened up. Poor circulation is stimulated and soon are the foreign substances carried off by a better circulation of the blood. The fact that VIRAYO applications eliminate waste in such remarkable degree is of important value. The ozone which is driven into the tissue and received by the blood increases its purifying qualities and helps to dissolve the waste matter until it is sent out of the body.

## PARALYSIS

For muscular paralysis there is no more effective and more satisfactory treatment known than the VIRAYO. We know that the different members of the body are controlled by the brain. If by some injury or otherwise a pressure is exerted on the brain or on the spinal chord the nerves leading to certain parts are intertered with and as a result paralysis appears. Sometimes complete loss of motion and feeling in a part of the body is resultant. High frequency currents are of greater benefit in such cases than any other remedy known to science. VIRAYO applications to the



A Spinal Application by the Indirect Method.

paralyzed part bring a rich flow of blood through the vessels. The muscles which have been idle and are wasting are stimulated and re-



built and vital force is driven into the deadened nerves. Discomfort, numbness disappear quickly under the action of the Violet Ray and the paralyzed part is quickly restored to usefulness.

## INFANTILE PARALYSIS

In infantile paralysis, a disease which leaves almost in every case muscles feeble and weak, if not deformed, VIRAYO treatments have accomplished wonders. Not only does the motion of paralyzed parts return more freely after a few applications but also the muscles begin to grow. Conscientious use of the VIRAYO goes a long way to help restore the sometimes terribly deformed bodies of children.

## GOITRE

All forms of goitre respond successfully to VIRAYO treatments. It is surprising to learn that wherever other means have proved useless in the cure of goitre, Violet Rays have established a permanent result. A high frequency spray through a towel is applied.

## OBESITY

The causes of obesity are still somewhat obscure. It is known however quite well that in all cases of obesity our system fails to help the fatty element of food to circulate properly. Supplies of nutrition which under ordinary healthy conditions are used up or sent out of the body are by obese people kept in store. Medical science tells us that the albuminous elements of food in cases of obesity are not undergoing the regular burning process in our body; they are not oxidized. Obesity therefore is to be looked upon as faulty nutrition. VIRAYO treatments are most effective in establishing a perfect nutrition by stimulating every fibre in the tissue, every nerve and blood vessel. They urge the different organs to use the nutrition for building muscles, nerves and bones. Of course a healthy diet by refraining from excesses in over-eating is essential. Constipation must be avoided under all circumstances by VIRAYO treatments over the whole abdomen, stimulating all muscles as much as possible. General surface treatments over the whole body are a good help. They assist the skin in its activity of secretion. We can lose a great deal of waste matter by perspiration. The great excess of fat in the body in all cases of obesity must actually be burnt up. VIRAYO treatments are the safest and quickest means to increase our blood supply to a certain area as for instance the abdomen, and when this is done we can be sure that through increased



activity of the different organs a better distribution of nutriment and reduction of the unhealthy state have to follow as a natural sequence.

## INSOMNIA, THE INABILITY TO SLEEP

Insomnia or sleeplessness can have very many causes. Whatever they may be they can efficiently be removed by **VIRAYO treatments**. Refreshing sleep is an absolute necessity for normal health. All the sleep producing drugs in the world cannot accomplish what a few minutes of **VIRAYO** applications to the back of the head and neck and the forehead will do. **Ozone treatments** also assist nature in a great measure to restore normal capacity to rest and to sleep. Narcotic drugs should never be taken as long as nature offers us a harmless remedy in the form of the Violet Ray, because all drugs create habits and prove dangerous in the long run. They cannot help but leave some depression on their victims. High frequency currents taken as a sedative in cases of sleeplessness act on the entire nervous system. They give a restful feeling because they are constitutional in their effect. A very prominent physician says: **I have cured so many aggravated and severe cases of insomnia with high frequency current that I am inclined to believe there should be no failures.**

## GOUT

Many stout persons suffer from **gout**. It usually results from excessive living. The eating of rich food and drinking of much wine and liquors promote gout. Uric acid deposits at certain joints. It is quite a painful disease. The affected joint sometimes swells, looks red and is extremely sensitive. Proper diet is the best cure and preventive for Gout. **VIRAYO applications to the affected part relieve gouty pain instantly and allow a free movement of the joint.** At first a weak current will have to be used on account of the sensitiveness of the swollen part, later on as soon as the pain ceases, a heavier spray can be applied. **The Violet Ray high frequency current certainly can accomplish wonders in a comparatively short time.** The pain disappears quickly, an easy movement of the joint is possible and if general treatments are given to the spine, stomach, kidneys and liver, in addition to the local treatment, a quick general improvement in health is the result.

## HEADACHES

Headaches are probably the most common form of ills. They indicate some derangement in our system and very seldom are caused by trouble in the head itself. Any disorder, as for instance, consti-



# Vi-Ray-O



## VI-RAY-O

The perfect, safe and scientific  
Manufactured by the Western Coil Company



# Vi-Ray-O



Endorsed by the World's  
Greatest Medical  
Authorities.

— 0 —

— HARMLESS —

But of incalculable value  
and importance.

— 0 —

A Marvel of Simplicity.

— 0 —

Connects to Any Lamp  
Socket.

— 0 —

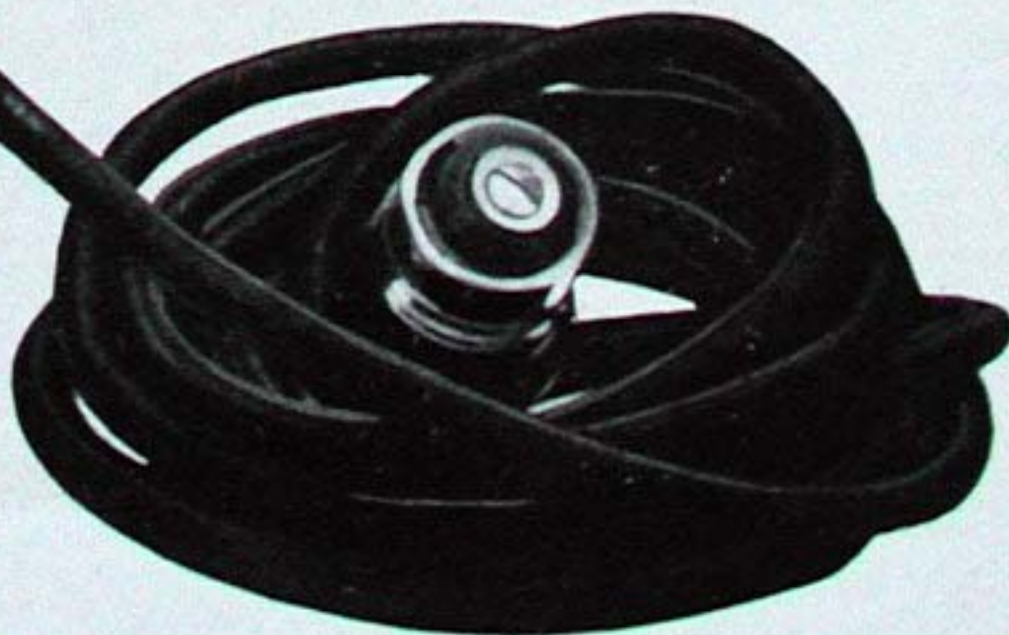
Weights but 18 Ounces.

— 0 —

Guaranteed for One Year.

— 0 —

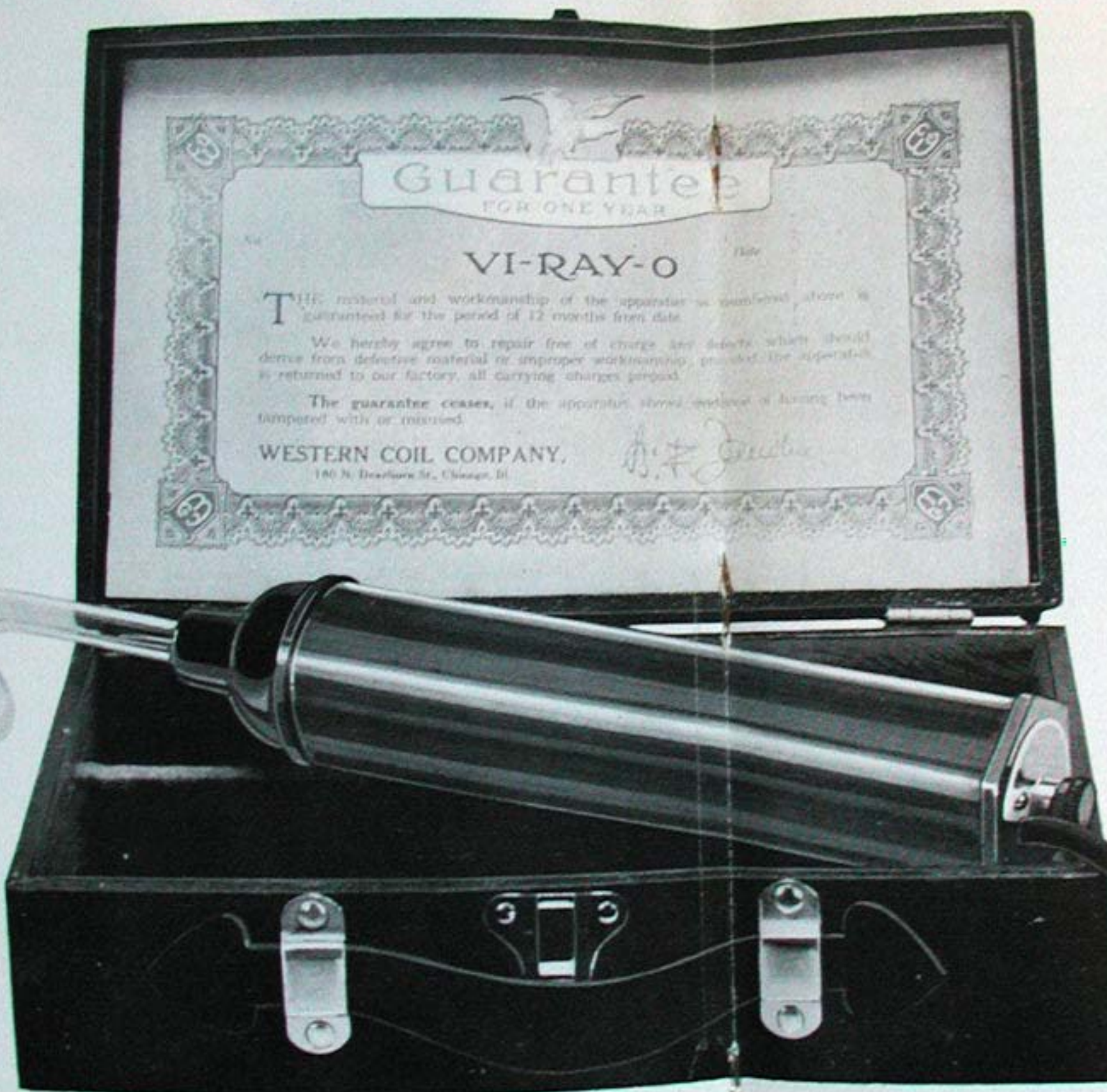
PRICE \$25.00 COMPLETE.



The perfect, safe and scientific Violet-Ray Machine.  
Manufactured by the Western Coil Company, Racine, Wis.



## Vi-Ray-O



## VI-RAY-O

The perfect, safe and scientific Violet-Ray Machine.  
Manufactured by the Western Coil Company, Racine, Wis.

## Vi-Ray-O

Endorsed by the World's  
Greatest Medical  
Authorities.

— 0 —

— HARMLESS —

But of incalculable value  
and importance.

— 0 —

A Marvel of Simplicity.

— 0 —

Connects to Any Lamp  
Socket.

— 0 —

Weights but 18 Ounces.

— 0 —

Guaranteed for One Year.

— 0 —

PRICE \$25.00 COMPLETE.



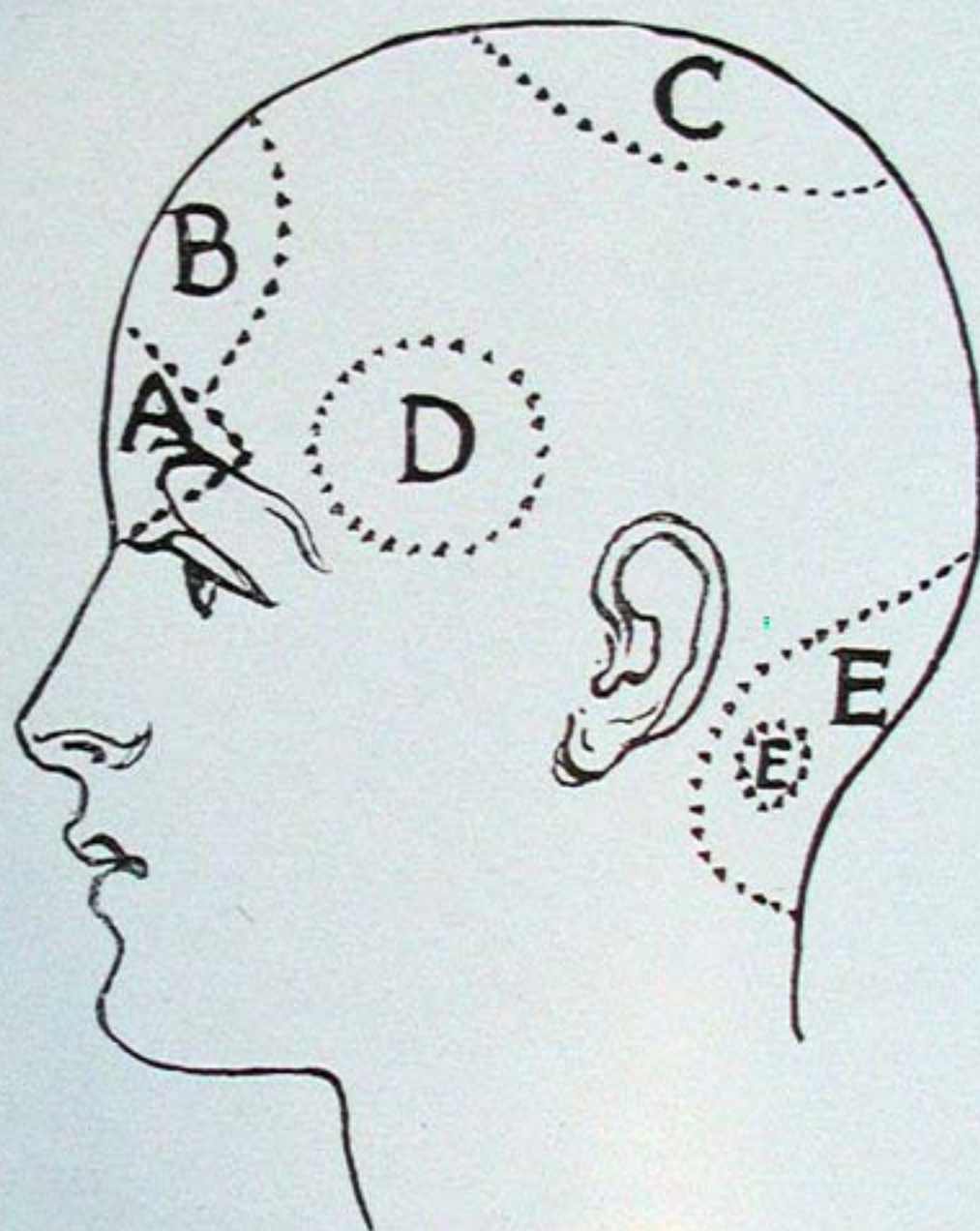


pation, indigestion, accumulation of poison, kidney trouble, ptomaines, eye-strains will cause a headache. Also excesses of many kinds, overwork, worry, etc.

Headaches can occur at different parts of the head as shown in the accompanying illustration. While the pain in the head can easily be relieved in most cases, it is also necessary to treat the underlying cause for it.

The disturbance causing it is mostly known to the sufferer or can easily be found. **VIRAYO** applications to the area where the headache really is felt will relieve the ache in a short time. While this action relieves it should not be considered as a cure. It is necessary to find and treat the actual trouble itself. Often it is only rest which our overworked brain needs. A good night's sleep will remedy the trouble. If, however, indigestion, liver and kidney inactivity, constipation are the real sources of headaches then this cause must be removed by proper **VIRAYO** treatment.

The **VIRAYO** will relieve the pain in the head as well as the cause of it without the additional need of medicines. Headache medicines represent only other poisons which added to those already accumulated in our system do more



#### WHERE HEADACHES OCCUR.

Headaches at A or B are congestive or frontal. At A they may come from errors in refraction; frontal sinus disease or nasal disease. Stomach diseases also frequently cause pain at A. Constipation A-B. Decay of front teeth A-B. Anemia; endometritis; bladder disease, C. Middle ear disease; throat disease; eye disease; decayed teeth, D-E. Womb disease; spinal irritation; nervousness, E. Ovarian reflex pains usually at C and E. Neurasthenic headaches involve the back of the neck.

According to N. M. Eherhart,  
M. D., Ph. D., D. C. L.



# Vi-Ray-O

harm than good. When the system is weakened, the blood circulation impaired and poisons are not excreted in the proper way, Violet Rays are the best remedy.

VIRAYO treatments quickly control all headaches by strengthening the whole system, stimulating the blood circulation and removing the poisonous waste products. Violet Rays assist nature in a wonderful way and help it in its work to remove the waste from our body.

## HAY FEVER

Hay-fever, though not a dangerous disease, is an extremely annoying ailment. It is an affection of the mucous lining of the nostrils and throat. It is supposed to be caused by the pollen of certain plants which irritate the sensitive lining of the organ of respiration of certain people. The surprising fact is that when hay-fever attacked you once, it usually will call on you every year at pretty near the same time. Sneezing, excretion from the nose and throat, tears rolling from your eyes are the very inconvenient symptoms of this ailment.

The public believed for a long time that Hay-fever was incurable. Such is not the case. The fact is that people who suffer from hay-fever are habitually susceptible to this disease. Their system is weakened. If they would strengthen themselves they could ward the coming attack off.



Removing a Stiff Neck.

Of course all hay-fever sufferers may feel good and strong otherwise and not realize their state, still their organs offer a prepared field for the infection upon which it can propagate. Their system is somewhat below the natural healthy state. Also a dilatation and congestion of the capillary vessels in the mucous tissue and the nasal chambers causes them to be very susceptible to irritation by breathing.

Both conditions can be helped and remedied through the beneficial action of the Violet Ray high frequency current. Direct applications to the nose internally are bringing definite results. External treatments of the nose, temples, and forehead assist also in the treatment. Tonic spinal application to tone up the nervous system do a lot of good, and should not be omitted. Ozone treatments with



# Vi-Ray-O

the W. C. Co. Ozone Generator are a valuable adjunct to hay-fever treatments and they should be resorted to long before the expected hay-fever attack approaches. The wonderful properties of ozone will strengthen the entire organism and especially the organs of respiration to such an extent that the dreaded hay-fever will have no chance to develop to a remarkable degree.

## OZONE TREATMENTS

They are accomplished and made possible by the use of the **W. C. Co. Ozone Generator**. This is a glass instrument as shown in the illustration. It can be attached to the **VIRAYO**. It is used for the direct medication of all nasal, throat and bronchial affections. This ozone generator converts the oxygen in the air into ozone. Ozone is a modification of oxygen (concentrated oxygen) which has increased chemical activity; it is a colorless gas having a peculiar odor. It is produced whenever electrical discharges pass through air.

Ozone exists in country districts more than in towns, while in crowded thoroughfares it ceases to be recognizable. Ozone is a very intense oxidizer (Germicide). It attacks organic substances such as germs, bacteria. The oxidizing effect of ozone is in reality a burning effect, for substances burn because oxygen combines with some of their elements. Ozone is active in such a way that no heat accompanies the oxidation; the ozone—particles combine with the organic substance when finely divided, no flame or heat is therefore produced.

Bacteria (any kind of germs) are little organisms composed of organic substances. Ozone acts on these organisms by a burning process.



Taking an Ozone Treatment At Home.



## Vi-Ray-O

As ozone is more chemically active than oxygen it has a greater effect in oxygenating the blood in the lungs. This produces an exhilarating effect on the human system. It is largely the presence of ozone in country air that makes that air so exhilarating. The oxygen of the air supports animal life; oxygen is absorbed by the blood as it passes through the lungs and carried to all parts of the body where it oxidizes or burns up the tissues, removing impurities.

Our blood vessels contain a certain proportion of oxygen or ozone in order to maintain a healthy state of the body. Ozone is decidedly the most important element in tissue building. Without it can no phenomena of metabolism take place. The function of breathing is the most intensely vital and important of all bodily functions. It constitutes the sole means for the entire system's oxygen supply. Upon it depends the performance of all bodily functions. Ozone inhalations are therefore of universal benefit.

They are exceptionally curative in catarrhs of the respiratory organs, for tuberculosis in the incipient stage, in toxic and bacterial diseases, in neurasthenia and all nervous disorders, blood poisons, influenza, whooping cough, hay-fever, all acute diseases due to micro-organisms, lobar and bronchial pneumonia.

In the city of Chicago was a test made with ozone treatments in three hundred and sixty-five cases of tuberculosis. All stages of this disease were included and everyone showed tubercle bacilli. Two hundred and four of these cases were pronounced recovered by ozone treatments, but not until every symptom of the disease had disappeared. The vitality of consumptives is always below normal. It is just this class of sufferers that need out-door life. Most of them cannot afford it. The Ozone Generator brings nature's fresh air right to their home.

### CATARRHAL CONDITIONS

There are a great number of catarrhs. They are all inflammations of the mucous membrane. The mucous membrane is the moist skin which lines all organs that open to the outside of the body. The nostrils, mouth, passages to the lungs, stomach, intestines, urinary passages, all have mucous membrane. Usually we understand under catarrhal conditions the inflammation of the nasal and throat passages. This inflammation can become chronic and is not an uncommon disease. Colds and catarrhs go hand in hand.

VIRAYO treatments improve catarrhal conditions. In fact they cure them entirely if properly used. Cases of long standing and called chronic have given away under such treatments. Ozone inhalations are here more indicated than anywhere else. They assist in the healing of the inflamed mucous membrane.



## NOSE AND THROAT AFFLICTIONS

Colds, acute nasal catarrhs, inflammations of the throat, Bronchitis, Asthmatic conditions yield readily to **VIRAYO** Applications. Grip, Influenza are treated with success.

The tonsils cause us often much trouble because of inflammation. Tonsilitis as this condition is usually called is most frequent in childhood. It responds to external applications. Whenever a soreness of the throat begins to appear the **VIRAYO** should be used.

## VIOLET RAYS AN AID TO BEAUTY

Natural beauty depends on health. The Violet Rays in facial treatments assist by their tonic properties the general health and tend to keep up a rosy and refreshed complexion. The daily aid of the vitalizing energy of **VIRAYO** treatments not only restores a worn out expression to attractiveness, but also replaces paleness by a healthy bloom... Facial treatments with the **VIRAYO** will give your skin that wonderful look of pleasantness which is so essential in our life. The Violet Rays produce better results in aiding beauty than any other means. They stimulate in their characteristic mild and pleasing way the circulation near the surface of your skin. They cause a cellular massage upon the tissue. They have a gentle heating effect. They kill those small bacteria which often cause eczema and skin eruptions. The fact that the Violet Ray high frequency current reaches the blood and the lymph vessels under the skin guarantees great benefits. It is nutrition that is mostly needed by the dying surface tissue. Better skin nutrition accelerated by better blood circulation means new life to your skin. Violet Rays actually improve the texture of tissue by vitalizing skin nutrition.

Facial treatments with the **VIRAYO** will be found ideal for the removal of blemishes as blackheads, pimples, etc. For these afflictions are caused by improper circulation of the blood near the surface.

All up-to-date Dermatologists use nowadays Violet Rays for the restoration of a natural youthful complexion. They cannot afford to be without the **VIRAYO**. "It brings back the natural color. It obliterates crow's feet and wrinkles which mar the face. Lines about the nose and mouth and sunken in cheeks indicate a lack of nutrition or slowing up of some organ. Keep your body up to the standard of health with the vitalizing food of the **VIRAYO** and all marks



# Vi-Ray-O

of worry, age and fading beauty will quickly disappear. Facial treatments are pleasant. They force a rich stream of blood through the tissue and encourage nature to do its proper work. We may eat plenty and good and still sometimes look haggard and flabby. The reason for that is that the nutriment of the food is not used to build up the tissue in our face, neck, arms or bust.



**The Most Scientific Scalp Treatment for Falling Hair, Dandruff, Gray Hair, Etc.**

The tiny blood-vessels and nerves neglect their duties. You can easily stimulate them and make them take up their work again by a few VIRAYO applications. It is surprising to see how rosy your cheeks will look after a few minutes of VIRAYO treatment. And this is a natural, healthy color caused by your own good red blood. The VIRAYO is the only and best means to bring new life to tissues; it electrifies every cell, restores it to a healthy state and rejuvenates your appearance in all. A treatment once a day will prove sufficient to give you the natural charm which make all healthy looking people attractive.

## FACIAL BLEMISHES

Dr. L. Ducan Buckley, the well known skin specialist, reports in American Medicine:

During the past year I have healed private patients by means of high frequency methods, using only local electrodes and it has proved a very valuable treatment in many instances.

## WARTS

I have found it very serviceable in the removal of warts, which are often very troublesome, especially when on the scalp. The wart dries down, falls off, and the process ends without a scar.



# Vi-Ray-O

## PORTWINE MARKS DISAPPEAR.

The same physician speaks of a case in which Miss V., 24 years old, had a brilliant purple portwine mark on the side of the face, near the ear. Various treatments for years had not diminished the area. The application of the High Frequency spray has been most gratifying. The new tissue, replacing the old one, shows a pale pink which gradually whitens.

If this form of electricity would accomplish only the satisfactory removal of these disfigurements, which render so many lives unhappy, it is a boon worth having.

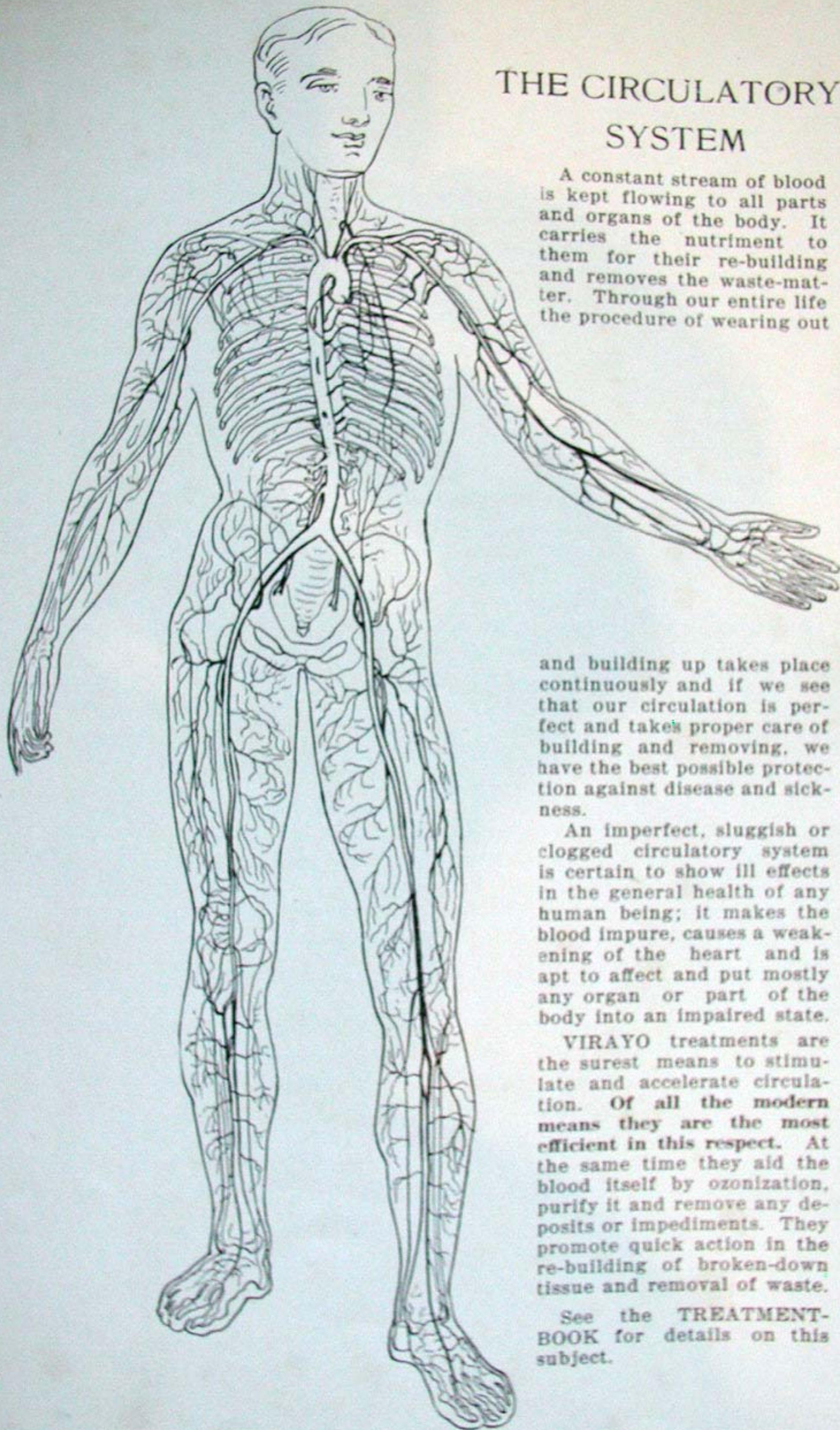


Taking a Little Virayo Tonic.



## THE CIRCULATORY SYSTEM

A constant stream of blood is kept flowing to all parts and organs of the body. It carries the nutriment to them for their re-building and removes the waste-matter. Through our entire life the procedure of wearing out



and building up takes place continuously and if we see that our circulation is perfect and takes proper care of building and removing, we have the best possible protection against disease and sickness.

An imperfect, sluggish or clogged circulatory system is certain to show ill effects in the general health of any human being; it makes the blood impure, causes a weakening of the heart and is apt to affect and put mostly any organ or part of the body into an impaired state.

VIRAYO treatments are the surest means to stimulate and accelerate circulation. Of all the modern means they are the most efficient in this respect. At the same time they aid the blood itself by ozonization, purify it and remove any deposits or impediments. They promote quick action in the re-building of broken-down tissue and removal of waste.

See the TREATMENT-BOOK for details on this subject.



# Vi-Ray-O

## PHYSICAL STRENGTH

Good health and physical strength go together. Where is the one you will find the other. In the VIRAYO we have the best means to obtain health and assist our physical strength. Women find the best friend in the VIRAYO. They can really accomplish with it at home for what they otherwise pay high prices at commercial establishments. But men should just as much see that their personality and looks be pleasant. It helps in every way. Let Violet Rays lighten your darkened face. A bright, clean and fresh looking countenance wins confidence and success. Look clean-cut, it counts much toward efficiency. Efficiency is the great thing in life. You must keep fit by assisting nature and increasing your vitality. Vitality is your working capital. VIRAYO massages will cultivate your health, increase your vigor, help those forces of nature which produce energy, brain power, capability of thought, grasp of intellect. Don't think you are too busy for VIRAYO treatment. You waste more time by working with a dull brain in a weak physical condition than by a few minutes of VIRAYO applications in the early morning. It is the healthy man who wins out. Only an efficient body and brain can keep enthusiasm and determination. Let the VIRAYO help you to this effect.

## PYORRHEA

Riggs disease, or pyorrhea, is effectively treated by the Violet Ray. Special dental Applicators are made for this purpose. VIRAYO Applicators are germicidal; at the same time promote nutrition to the affected gums. Ozone treatments in addition to regular applications prove to be helpful. They should be used as soon as this disease is recognized.

## KIDNEY TROUBLES

The kidneys perform a very important task in our body. They are organs of excretion. If their function is somehow impaired by inflammation due to heavy cold or due to congestion or other causes grave consequences are resultant.

VIRAYO applications, as indicated in our instructions, aid in a most valuable way the return to a normal state. They bring relief by their stimulation to the nerves and blood supply to the kidneys themselves.

Violet Rays exert a powerful influence. The very fact that albumen in the urine quickly disappears after a few applications alone proves sufficiently their importance in fighting this class of sickness. Nobody who suffers from kidney disorders can really afford to be



# Vi-Ray-O

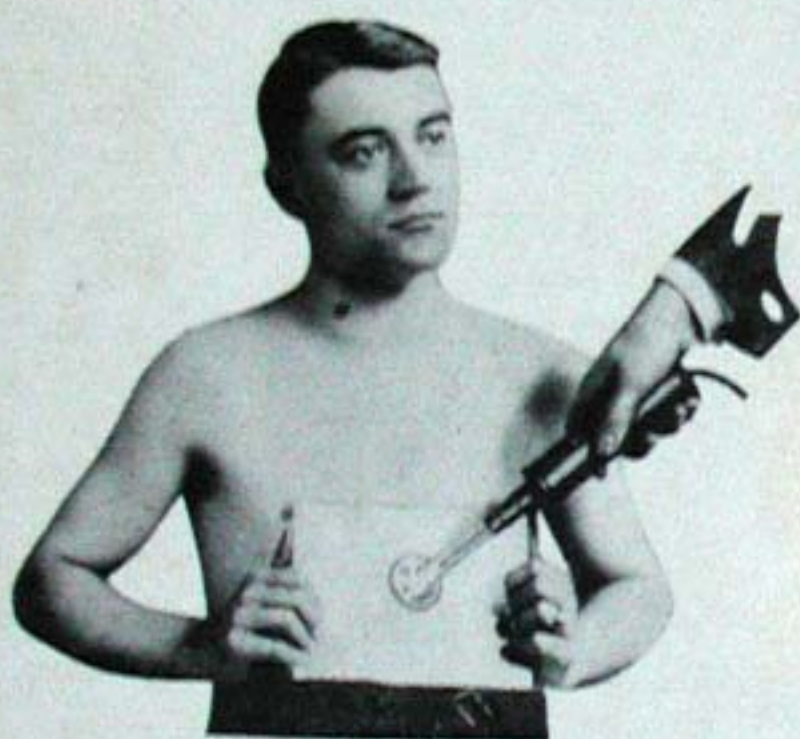
without the **VIRAYO**. It helps when other means, especially drugs, have long been given up as useless.

## INDIGESTION, DYSPEPSIA

When the stomach and intestines fail to digest food properly we suffer pains and uneasiness which are known to nearly everybody. The causes of indigestion are many. Worry, excitement, nervousness, anger, overeating and eating or drinking of food stuffs which do not agree with us, haste—all lead to indigestion. Indigestion weakens our body in a remarkable degree.

Our health is quickly undermined when the digestive organs fail to do the proper work. Violet Rays are used with truly wonderful success in treating **indigestion and dyspepsia**. When applied

some time after eating direct on the stomach they start and increase circulation and fill us with a comfortable warmth. They relieve us of that disagreeable pressure of heaviness. Applications to the spine especially the section controlling the nerves of the stomach and the intestines are very effective. We find here as in most other ailments immediate relief from the Violet Rays. **Heartburn, gastritis** and the feeling of **gas pressure** respond to the treatment without fail. The



**Stomach Treatment Through  
Glass-plate.**

most stubborn cases show quick improvement after a few doses of Violet Ray.

## ABOUT THE LIVER

The liver belongs to the digestive organs. It also plays a role in the procedure of excretion. If for some reason or another it is thrown out of balance it upsets our general feeling in a remarkable degree. Troubles in the function of the liver, in cases where it does its duties poorly, are helped in an easy and sure way by the **VIRAYO**.

If some serious disease, as for instance **inflammation, enlargement, gall stones, waxy liver or amyloid, jaundice, atrophy, fatty de-**



# Vi-Ray-O

generation are recognized, treatments with the **VIRAYO** are of sufficient value to warrant their immediate employment. Our instruction book tells how. **Hardening** of the liver is rather common nowadays. This ailment is quickly relieved and also cured if **VIRAYO** treatments are taken in time.

It is probably not surprising for many people to learn that an inactive or clogged liver will cause the "blues." They should try a **VIRAYO** application. It's most refreshing. Gloom and despondency disappear, everything looks bright again, hope and enthusiasm return.

## LOCOMOTOR ATAXIA

Locomotor Ataxia has been looked upon so far as incurable. Recent Violet Ray treatments have shown great results. The successes obtained with the **VIRAYO** have been surprising to many physicians.

If this affliction is far advanced, it might not yield very quick at first, but some improvement is quite sure. Persistency and the conscientious use of the **VIRAYO** reward the sufferer in nearly all cases.

The treatment for Locomotor Ataxia is not a difficult one. Spinal applications prove to be most effective.

## ANAEMIA

Thin blood, poverty of the blood is likely to cause a lot of trouble. It weakens the body and makes us apt to catch any kind of sickness easily. **Anaemic persons** look pale and have little energy. They tire easy, show little appetite and lack muscular strength. They are usually nervous and suffer from headaches. The **Violet Rays** increase the oxygenation of the blood. They assist also the regenerative forces for the production of new blood cells by stimulation. The oxygen carrying powers of the red blood corpuscles is increased. It is accomplished by the process of ozonization which has been mentioned before. This particular characteristic of the Violet Ray is probably the most important.

Ozone inhalations with the ozone generator are an aid to all anemic people and should therefore not be omitted.

## DEAFNESS

can be partial or entire. Sometimes it is also of nervous origin. **VIRAYO** offers a splendid chance for relief. In deafness due to catarrhal conditions nearly 95 per cent of all cases treated with the



# Vi-Ray-O

**VIRAYO** respond and are cured. A special applicator is made for the treatment of the ear.

## ABOUT THE LUNGS—CONSUMPTION— TUBERCULOSIS.

The lungs of our body are the organs of respiration, or breathing. Their chief duties are to purify our blood. They remove the carbon-dioxide from it and supply it instead with life-giving and tissue-building oxygen. Inasmuch as the process of breathing is of vital importance it is of value to learn that the **VIRAYO** will benefit by proper use the lungs in a remarkable manner. Congestion can be easily removed, pain relieved, inflammation reduced. The whole system of respiration, that is the breathing apparatus, can be aided in its work.

### CONSUMPTION

(Phtisis, Tuberculosis) of the lungs is curable if treated in its early stages. As well known this grave disease will attack especially underfed people, whose system is already weakened. The **VIRAYO** not only aids by promoting nutrition, but tones up the whole nervous system, starts a better circulation and assists nature in excretion. The Violet Rays are truly a wonderful aid in tuberculosis; their benefit is recognized by 90 per cent of the medical profession. If used in con-



A Backache yields to a few minutes' Application.



nection with Ozone treatments they can be regarded as an ideal method to fight the white plague successfully.

H. de LaCoux, Chemical Expert to the Council of the Prefecture of the Seine, Paris, says: "In the application of ozone for tuberculosis, it is an undeniable clinical fact that the number of bacilli in the sputum diminishes after the second or third treatment, even before the general condition of the patient is improved."

Dr. George Stoker, London, reports nine cases of tuberculosis treated within a year at the Stoker Oxygen Hospital, of which eight were discharged with the disease definitely arrested.

Dr. J. T. Gibson says in *Advanced Therapeutics*: "In advanced cases with cavities and much expectoration, I think there is no means of so much use as inhalation of ozone. It empties the lungs of detritus and pus, revivifying the blood, disinfecting the parts of the lungs reached, and after the first irritation of its use has passed off, there is nothing that gives the lungs the sense of rest and quiet as does this agent. I have seen the quantity of sputum lessened to a remarkable degree, and fever disappear, and all symptoms improve by the use of ozone inhalations."

Dr. Doumer, Paris, writes: "The curative action of High Frequency currents on pulmonary tuberculosis is one of the most recent demonstrations of these currents. We have arrived at the conclusion that by their application the general conditions improved, the bacilli diminish, the anorexia and fever decrease, and the pulmonary lesions cicatrize, even to a complete cure in many early cases. The results obtained are constant. Most of the therapeutical properties of these currents by their general methods of administration are due to the increase of tissue resistance which they help to establish. Nature does the rest."

Treatments should be given according to our instructions which accompany every **VIRAYO** outfit.

## PLEURISY

Pleurisy is called the inflammation of the membrane which lines the inside of the chest. The Pleura as this sensitive membrane is medically termed, also forms a cover for our lungs similar to a bag. It protects the lungs from friction against the rib muscles.

Whenever the Pleura becomes sore or inflamed we feel pain with every breath we take. We can relieve this pain by proper **VIRAYO** treatments. Applications to the back on both sides of the spine will show results. If we assist nature in its vital energy by such applications we help her to accomplish the task of restoring the normal and healthy state.



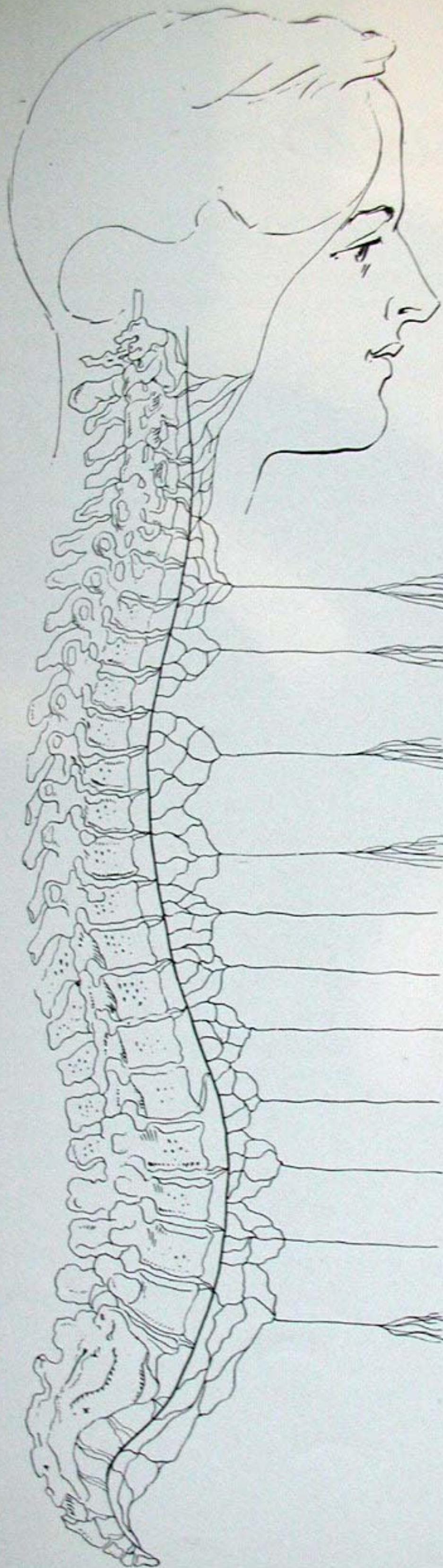
## The Spinal Nerve Centers

The Backbone or Spinal Column contains the **Spinal Cord**. The Spinal Cord is an extension of the Brain. From it branch the nerves out and go to all parts and organs of the body.

We can stimulate by VIRAYO treatments these Spinal Nerve Centers and cause the parts and organs to respond which are controlled by them.

When any organ has lost its natural tone or shows impaired activity a VIRAYO application to the correct spinal region is reflexed to the organ thereby causing it to regain its normal state and perform its duty.

Detailed instructions can be found in the **VIRAYO Treatment Book** which goes with every VIRAYO outfit.



Nerves to Arms.

Nerves to Lungs.

Nerves to Heart.

Nerves to Stomach.

Nerves to Liver.

Nerves to Kidneys.

Nerves to Bladder.

Nerves to Bowels.

Nerves to Sexual Organs.

Nerves to Legs.

Nerves to Rectum.



# Vi-Ray-O

## BLADDER TROUBLES

It is remarkable how quick bladder troubles can be relieved and cured by the **VIRAYO**. Inflammation ceases under the influence of the Violet Ray. In cases where the continued demand of emptying the bladder annoys the sufferer permanently, the **VIRAYO** is of utmost service. The passing of urine at night, a trouble which is often found among children can be treated and helped.



A Slight Sciatic Touch disappears after an Application through the Clothes.

## BACKACHE

Sore muscles in the back are instantly relieved by the **VIRAYO**. There can be a number of causes for backache, and it is always advisable to find out definitely where the trouble really lies. Weakness of the bladder or sexual organs, lumbago, rheumatic pains in the muscles of the back, kidney trouble all contribute to backache. The **VIRAYO** will not only relieve the pains but enable you to treat the cause successfully.

## DRUG ADDICTIONS

In alcoholism, cocaine habits, use of morphine or opium, the proper Virayo applications counteract these afflictions. Treatments to the spine and other parts of the body according to our instruction book give the sufferer relief and tend to restore their condition to a normal state.



## PILES—(HEMORRHOIDS)

People who have suffered for years from piles and could not find relief have been quickly helped and cured by rectal applications with the special applicator.

Hemorrhoids, or piles, are a form of blood tumors. They are usually caused by an enlargement of the veins near the rectum. Constipation, sitting on hard places for long stretches of time, tight fitting clothes which impair the blood circulation in the abdomen, tend to cause these rectal troubles. Sometimes the Hemorrhoids protrude and then show great sensitiveness. They cause a lot of pain and discomfort. Some bleed, some itch, some ache. All can be relieved and mostly permanently cured by proper use of the rectal applicator. Headaches and nervous irritability resulting from this class of disease are cured at the same time.

## ECZEMA

Cases of Eczema yield quickly to the Violet Ray. Eczema have always been treated with most favorable results. Some other skin troubles such as Psoriasis, Ringworm, Shingles, Herpes, Hives, Scabies, Milc-crust, Itch, Chilblaines, Red Noses are removed by the VIRAYO.

## EYE DISEASES

Diseases of the eyes, as Iritis, Redinitis, Atrophy of the Optic Nerve, Conjunctivitis, Trachoma, Glaucoma, Incipient Catarract, Paralysis of Ocular Muscles, Intra-ocular Hemorrhage have been successfully treated by the Violet Ray High Frequency current.

Proper instructions are given in our treatment book.

## PROSTATIC TROUBLES

Prostatic troubles caused by inflammation of the prostate gland show vast improvement through the use of Violet Rays. A special applicator is made for the treatment of the prostate.

Exact instructions regarding the treatment of this disease are given in our treatment book. Chronic forms of prostatic diseases have been cured successfully by means of the Virayo. The beneficial heating effect, together with the influence of the High Frequency current itself give a wonderful relief within a short time.



## SCALP TREATMENTS

Dandruff, falling hair, gray hair, baldness, itching scalp, etc., are very successfully helped by Violet Rays. There is no question that the **VIRAYO** represents the most scientific method of treating the scalp. Their beneficial value is beyond all doubt.



Scalp Treatment.

They produce a normal and healthy scalp, revitalize impoverished hair, restore its natural lustre and fullness. They bring in new hair by causing additional nourishment to flow to the dormant papilla.

In baldness the Violet Ray proves to be of a very welcome and effective assistance to restore the natural growth of hair. The results are very satisfactory. Conscientious use of the **VIRAYO** and patience

have here as in many other instances surprised many people.

Gray hair has been restored to its original color and beauty in most cases. We do not claim too much by saying that **VIRAYO** Scalp Applications are the only reliable means at the present time to stimulate and assist natural growth of hair.

## FATIGUE

Fatigue can affect our muscles as well as our nerves. No matter of which character it may be we can overcome it by the pleasant stimulation of the Violet Ray. There is in fact no other agent known to science today which can produce the same result as the proper **VIRAYO** treatment. We can overcome the worn-out feeling of the body. If fatigue is caused by the accumulation of waste matter, the latter will be removed with the help of the **VIRAYO**. If fatigue is caused by overwork, rest and sleep are absolutely necessary, but a short **Virayo** treatment before retiring insures sound sleep and a glad awakening in the morning.



## LIST OF DISEASES

AND AILMENTS FOR WHICH VIRAYO TREATMENTS ARE  
RECOMMENDED BY PROMINENT MEDICAL AUTHORITIES.

- |  |  |
|--|--|
| Acne Rosacea (Red Nose).                         | Dandruff (Seborrhea).                  |
| Acne Vulgaris (Pimples).                         | Deafness.                              |
| Actinomycosis (Ray Fungus).                      | Diabetes.                              |
| Adenitis, Cervical (Tuberculosis of Glands).     | Diarrhea.                              |
| Adhesions.                                       | Drug Addictions.                       |
| Albuminuria (Nephritis; Bright's Disease).       | Dupuytren's Contraction.               |
| Alcoholism.                                      | Dyspepsia.                             |
| Alopecia (Loss of Hair).                         | Earache.                               |
| Amenorrhea.                                      | Ear Diseases.                          |
| Anemia and Chlorosis.                            | Eczema.                                |
| Aneurism.  | Endometritis.                          |
| Appendicitis, Catarrhal.                         | Enlarged Prostate (Prostatic Disease). |
| Arteriosclerosis and High Blood Pressure.        | Enteritis.                             |
| Articular Rheumatism.                            | Epididymitis.                          |
| Ataxia (Locomotor Ataxia).                       | Epilepsy.                              |
| Asthenopia.                                      | Epithelioma.                           |
| Asthma.  | Erosions of the Cervix Uteri.          |
| Atonic Dilatation of the Stomach.                | Exophthalmic Goitre (Goitre).          |
| Atrophic Rhinitis (Ozena).                       | Eve Diseases.                          |
| Atrophy of the Optic Nerve.                      | Facial Blemishes.                      |
| Baldness (Alopecia).                             | Favus.                                 |
| Barber's Itch.                                   | Fissure (Anal).                        |
| Bladder Disease (Cystitis).                      | Flabby Breasts.                        |
| Bladder, Papilloma of.                           | Frontal Sinusitis.                     |
| Blepharitis.                                     | Furunculosis.                          |
| Blindness from Intra-Ocular Hemorrhage.          | Gastritis.                             |
| Boils (Furunculosis).                            | Genito-urinary Diseases.               |
| Brachial Neuritis (Neuritis).                    | Glaucoma.                              |
| Brain Fag.                                       | Gleet.                                 |
| Bronchial Asthma (Asthma).                       | Goitre.                                |
| Bronchitis.                                      | Gonorrhea.                             |
| Callouses.                                       | Gout.                                  |
| Cancer (Carcinoma).                              | Gray Hair.                             |
| Canitis (Gray Hair).                             | Grippe.                                |
| Carbuncle.                                       | Hair, Falling.                         |
| Carcinoma.                                       | Hay Fever.                             |
| Catarrh of Bowels (Colitis and Enteritis).       | Headaches.                             |
| Catarrh of Nose (Nasal Catarrh, Ozena).          | Heart Disease.                         |
| Catarrh of Womb (Endometritis, Cervicitis).      | Hemorrhoids.                           |
| Cellulitis.                                      | Hyperesthetic Rhinitis.                |
| Cervical Adenitis Tuberculosis of Glands).       | Herpes Zoster (Shingles).              |
| Cervicitis.                                      | Hysteria.                              |
| Chancroid.                                       | Impetigo.                              |
| Chilblains.                                      | Impotence.                             |
| Chloasma (Moles, Moth-Patches).                  | Incontinence of Urine (Enuresis).      |
| Chlorosis (Anemia and Chlorosis).                | Infantile Paralysis.                   |
| Chorea.  | Influenza (Grippe).                    |
| Chronic Ulcers.                                  | Insomnia (Sleeplessness).              |
| Cicatrices (Scars).                              | Intestinal Indigestion.                |
| Cold Extremities.                                | Intra-ocular Hemorrhages.              |
| Colitis (Inflammation of colon, mucous colitis). | Iritis.                                |
| Constipation.                                    | Keloid.                                |
| Convalescence.                                   | Laryngitis.                            |
| Corneal Opacity.                                 | Leucorrhea.                            |
| Corns (Callouses).                               | Leukemia.                              |
| Coryza.  | Lichen Planus.                         |
| Cystitis.  | Lichen rubra.                          |
|  | Lithemia (Gout).                       |
|  | Lumbago.                               |
|  | Lupus.                                 |
|  | Mastoiditis (Mastoid abscess).         |
|  | Menopause.                             |
|  | Menorrhagia (Metrorrhagia).            |
|  | Migraine.                              |
|  | Molluscum Contagiosum.                 |



# Vi-Ray-O

Muscular Rheumatism.  
 Myxedema.  
 Nasal Diseases.  
 Nephritis (Albuminuria).  
 Nervous Debility (Neurasthenia).  
 Neuralgia.  
 Neuritis.  
 Obesity.  
 Opacity of Cornea (Corneal Opacity).  
 Orchitis.  
 Otitis.  
 Ozena.  
 Paralysis.  
 Paralysis Agitans.  
 Paralysis of Sphincter Ani.  
 Pelvic Abscess.  
 Pelvic Adhesions.  
 Pelvic Exudates.  
 Periostitis.  
 Pharyngitis.  
 Phlebitis.  
 Piles (Hemorrhoids).  
 Pityriasis.  
 Pleurisy.  
 Pneumonia.  
 Post-fracture Conditions.  
 Post-operative Conditions.  
 Proctitis.  
 Prolapse of Rectum.  
 Prostatic Diseases.  
 Pruritis (Itching).  
 Pruritis ani.  
 Pruritis vulvae.  
 Psoriasis.  
 Purpura rheumatica.  
 Pyorrhea alveolaris (Rigg's Disease.)  
 Pyosalpinx.  
 Reynaud's Disease.  
 Rectal Diseases.  
 Renal Diseases.

Retinitis.  
 Rheumatism.  
 Rigg's Disease.  
 Ringworm (Tinea).  
 Rodent Ulcer.  
 Sciatica.  
 Scars (Cicatrices).  
 Seborrhea.  
 Seminal Emissions.  
 Sinusitis.  
 Skin Diseases.  
 Sore Throat (Pharyngitis and Laryngitis).  
 Sprains.  
 Sterility.  
 Stiff Neck (Torticollis, Rheumatism).  
 Stricture of the Urethra.  
 Sub-involution.  
 Suppuration.  
 Sycosis.  
 Synovitis.  
 Tabes Dorsalis (Locomotor Ataxia).  
 Tic Doreaux.  
 Tinnitus Aurium.  
 Tonsillitis.  
 Tonsillotomy.  
 Torticollis.  
 Trachoma.  
 Tuberculosis of Glands.  
 Tuberculosis of the Peritoneum.  
 Ulcers (Chronic Ulcers).  
 Tuberculosis (Pulmonary).  
 Urethritis.  
 Uric Acid Conditions.  
 Urticaria (Hives).  
 Uterine Diseases.  
 Vaginitis.  
 Varicocele.  
 Varicose Ulcers.  
 Warts.  
 Writer's Cramp.  
 Wry Neck.

—o—

For details of these diseases and their treatment see the Treatment Book which accompanies every Virayo Outfit.





# Vi-Ray-O

## VIRAYO OUTFIT NO. 1



FOR ALTERNATING OR DIRECT CURRENT.

Includes the Virayo Applicator for surface treatment (No. 1), handsome cloth-lined carrying case and treatment book . . . . \$25.00

— 0 —

## VIRAYO OUTFIT NO. 2



FOR ALTERNATING OR DIRECT CURRENT.

Includes the Virayo Surface Applicator No. 1, Scalp Applicator No. 6, handsome cloth-lined carrying case and treatment book . . . . . \$27.00



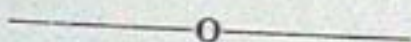
# Vi-Ray-O

## VIRAYO OUTFIT NO. 3



FOR ALTERNATING OR DIRECT CURRENT.

includes the Virayo, Surface Applicator No. 1, Scalp Applicator No. 6, Eye or Corn Applicator No. 10, Metal Handle No. 28, handsome cloth-lined carrying case and treatment book . . . . \$28.75



## VIRAYO OUTFIT NO. 4



FOR ALTERNATING OR DIRECT CURRENT.

Includes the Virayo, Surface Applicator No. 1, Scalp Applicator No. 6, Eye or Corn Applicator No. 10, Metal Handle No. 28, External Throat Applicator No. 8, Fulguration Applicator No. 23, handsome cloth-lined carrying case and treatment book, \$31.25



# Vi-Ray-O

## VIRAYO PHYSICIANS' OUTFIT NO. 5



FOR ALTERNATING OR DIRECT CURRENT.

Includes the Virayo, Surface Applicator No. 1, Plain Vaginal Applicator No. 18, Plain Nasal Applicator No. 19, Fulguration Applicator No. 23, Plain Urethral Applicator No. 17, Metal Applicator No. 28, handsome cloth-lined carrying case and treatment book ..... \$29.75

## VIRAYO PHYSICIANS' OUTFIT NO. 6



FOR ALTERNATING OR DIRECT CURRENT.

This Outfit contains Insulated Orificial Applicators exclusively. These are more efficient in action and are preferably used in all orificial treatments.

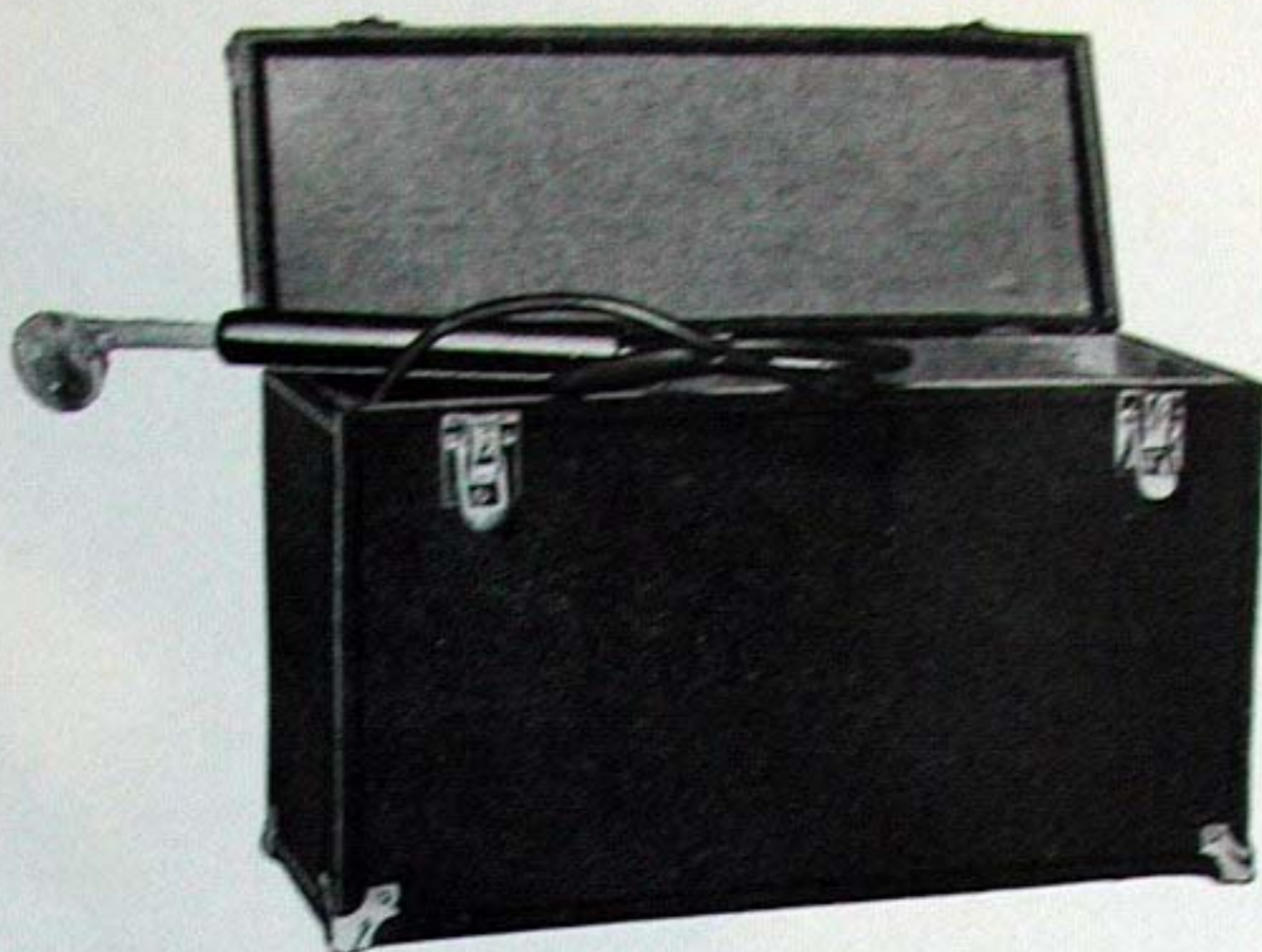
Includes the Virayo, Surface Applicator No. 1, Metal Handle No. 28, Insulated Urethral Applicator No. 33, Insulated Prostatic Applicator No. 34, Fulguration Applicator No. 23, handsome cloth-lined carrying case and treatment book ..... \$31.00

NOTE: The Insulated Urethral Applicator can also be used for internal throat work and the Insulated Prostatic Applicator for vaginal treatments.



# Vi-Ray-O

## VIRAYO BATTERY OUTFIT NO. 7



This outfit can be used in houses and in the country where no electric power is available. It runs from its own battery. **THE ONLY EFFICIENT AND INDEPENDENT BATTERY OUTFIT MADE TODAY.**

Includes the Violet-Ray Generator, Special Battery, handsome cloth-lined carrying case, Surface Applicator No. 1 and Treatment Book .....\$45.00

## VIRAYO APPLICATORS FOR TREATMENT OF PYORRHEA



No. 41. Dental applicator, straight bulb .....\$1.75



No. 42. Dental applicator, hollow bulb, develops much ozone, \$1.75



No. 43. Dental applicator, ball shaped bulb .....\$1.75



## W. C. CO. OZONE GENERATOR

The W. C. Co. Ozone Generator converts the oxygen in the air into ozone. Ozone is a modification of oxygen (concentrated oxygen) which has increased chemical activity; it is a colorless gas having a peculiar odor. It is produced whenever electrical discharges pass through air.

As ozone is more chemically active than oxygen it has a greater effect in oxygenating the blood in the lungs. This produces an exhilarating effect on the human system. It is largely the presence of ozone in country air that makes that air so exhilarating. The oxygen of the air supports animal life; oxygen is absorbed by the blood as it passes through the lungs and carried to all parts of the body where it oxidizes or burns up the tissues, removing impurities.

The W. C. Co. Ozone Generator can be easily attached to any W. C. Co. High Frequency Generator. The Generator is pushed into the instrument handle, after filling the inhalant chamber one-fifth with inhalant solution, then the current is turned on. The left hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed close over or tight against the nose-piece and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another stroke. Inhalation may also be made through the mouth exchanging the nose-piece for the mouth piece.

The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a very soothing effect upon the membranes. They assist healing.

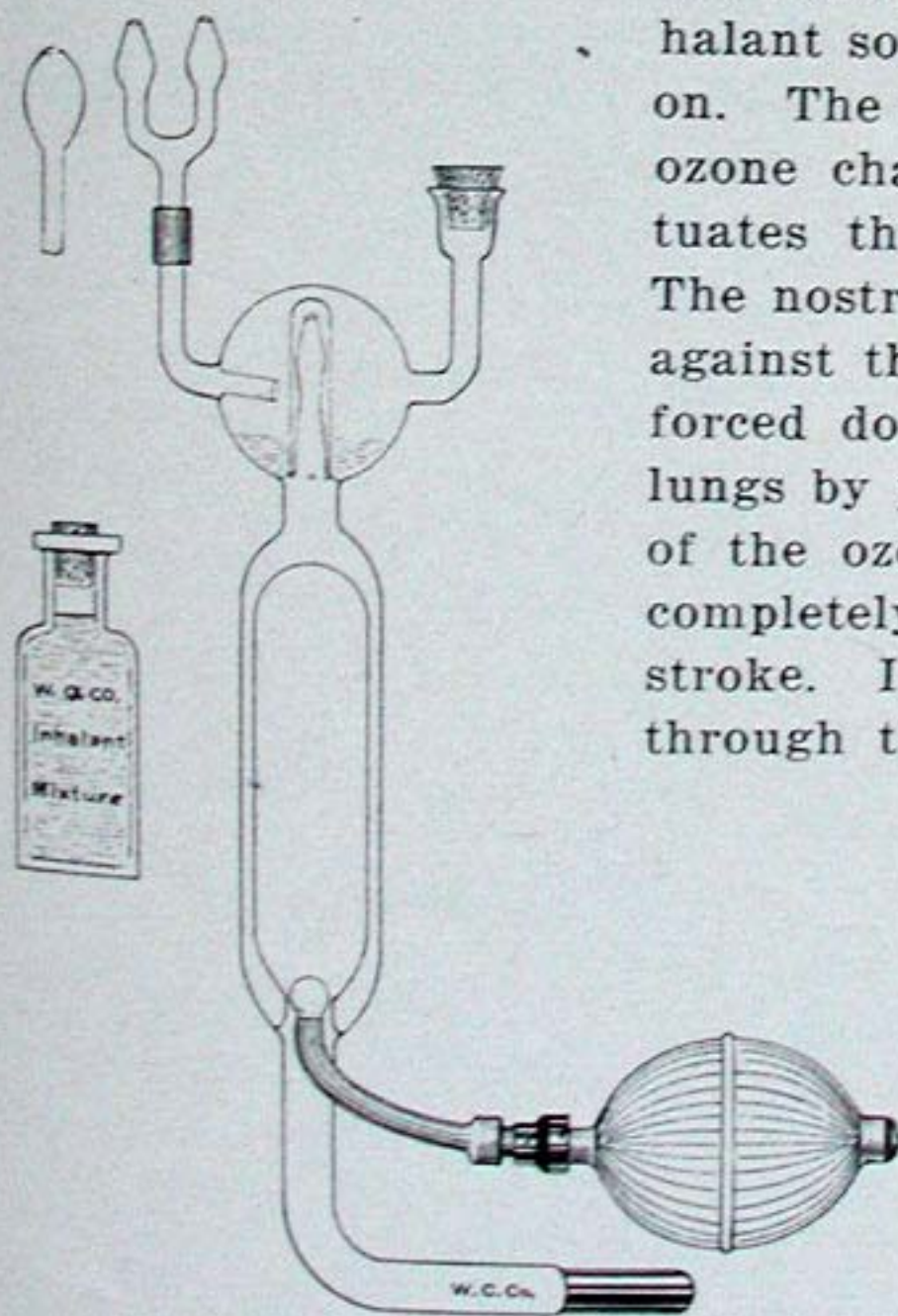


Illustration Showing Details  
of Construction.

(Continued On Following Page.)



## W. C. CO. OZONE GENERATOR.



For attachment to the Virayo High Frequency Generator. Used successfully for the direct medication of many Nasal, Throat, Bronchial and Lung affections. The complete outfit consists of the Generator, a nose piece, a mouth piece, pressure bulb, inhalant-solution and substantial case. Price Complete .....\$10.00

— O —



No. 55. VIRAYO Lubricant for use with all orificial applicators and body treatments, allows easy sliding of applicator and prevents sticking, 4 oz. bottle .....\$0.50



# Vi-Ray-O

## LIST OF VIRAYO APPLICATORS

All Violet Ray Vacuum Applicators are made of the best grade of soda-glass. This glass possesses great mechanical strength. Its chemical composition is of such nature that it does not absorb the so-called chemical rays. These rays, created within the tube, are invisible to the human eye, but penetrate the soda-glass and exert a most beneficial influence upon the living tissue. The metal caps at the end of the stem are a protection against damage.

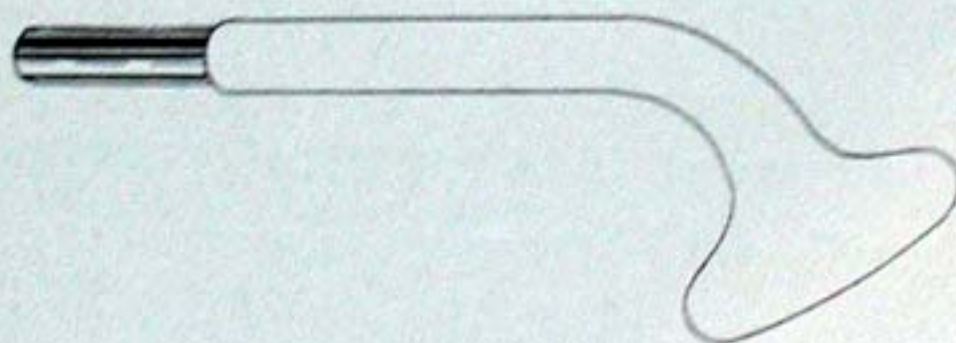
The applicators are most easily attached to the Virayo by simple insertion.

They can be cleaned with soap and water or sterilized.

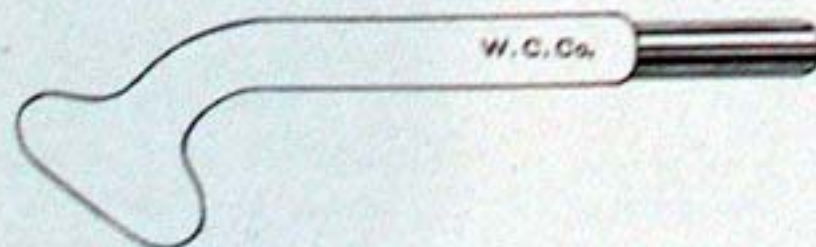
The following illustrations show a number of those Violet Ray Applicators which are most frequently used.

The complete W. C. Co. Electrode catalogue is forwarded upon request free of charge.

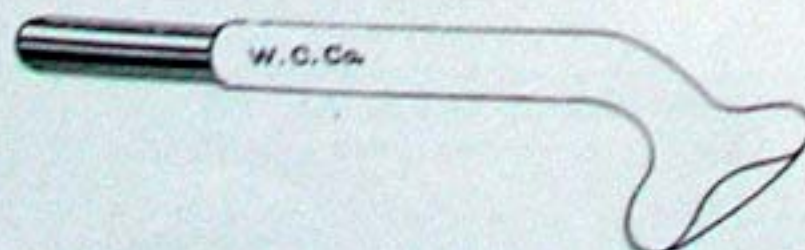
When ordering applicators separately please allow for postage.



- No. 1. Standard surface applicator .....\$0.75  
This applicator goes with every outfit free of charge.



- No. 2. Small surface applicator .....\$0.75

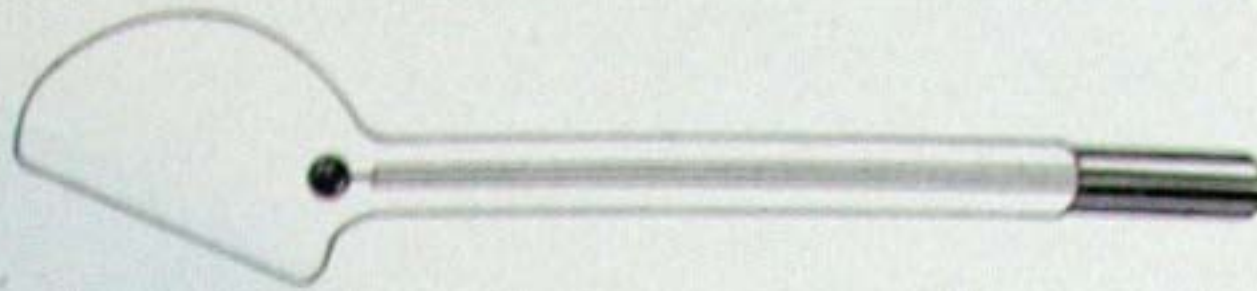


- No. 3. Small surface applicator, hollow shaped, generates ozone within cavity and fits nicely over certain parts as cheek-bones, chin, etc. ....\$0.75

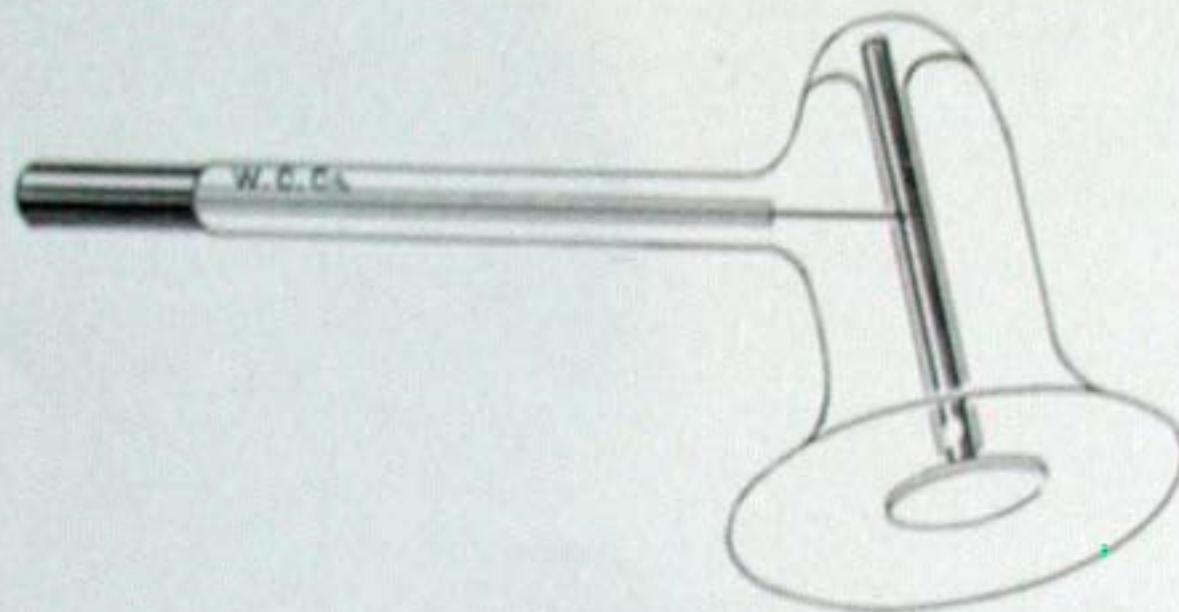


# Vi-Ray-O

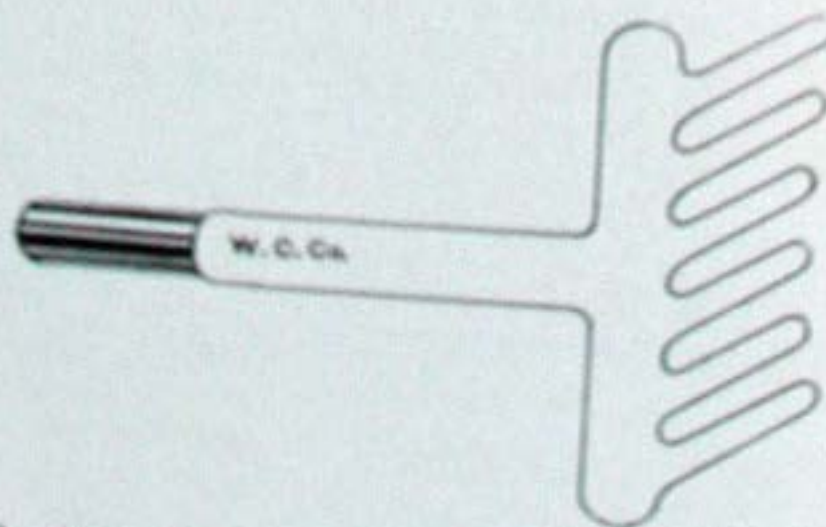
## LIST OF VIRAYO APPLICATORS



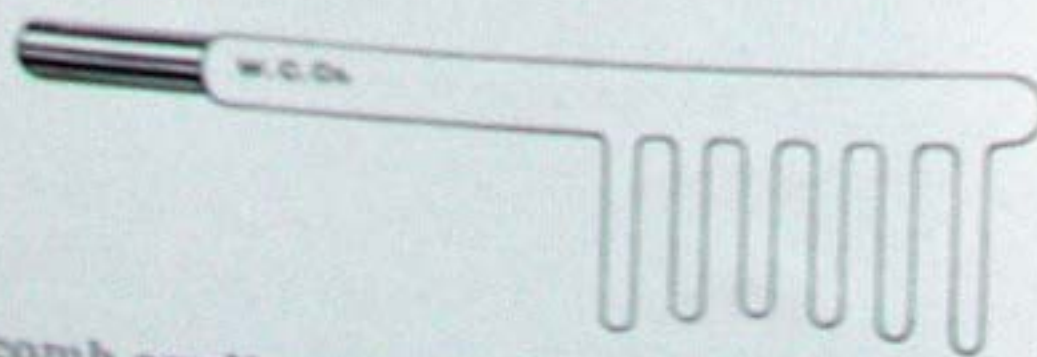
- No. 4. Small condenser applicator, delivers a strong current, used whenever deep regions are to be reached ..... \$2.00



- No. 5. Large condenser applicator, delivers a very strong current, especially recommended for treating rheumatism, lumbago, etc. .... \$3.00



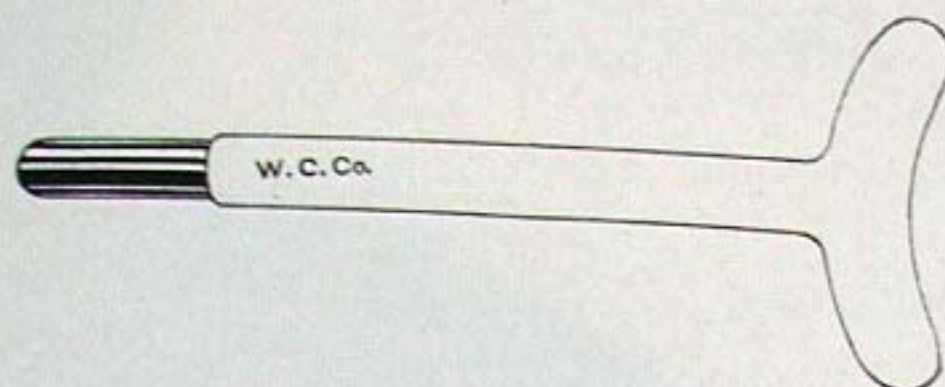
- No. 6. Large comb applicator for scalp treatments ..... \$2.00



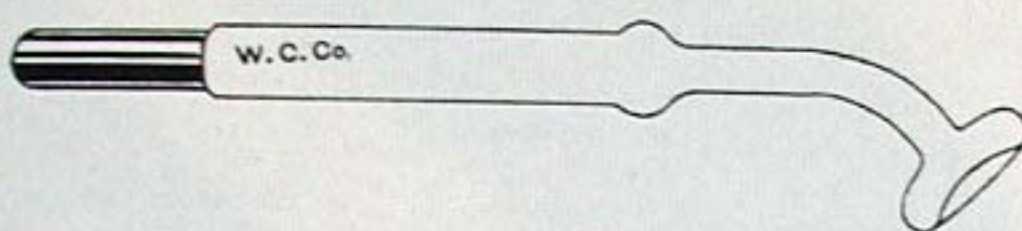
- No. 7. Small comb applicator for scalp treatments ..... \$1.50



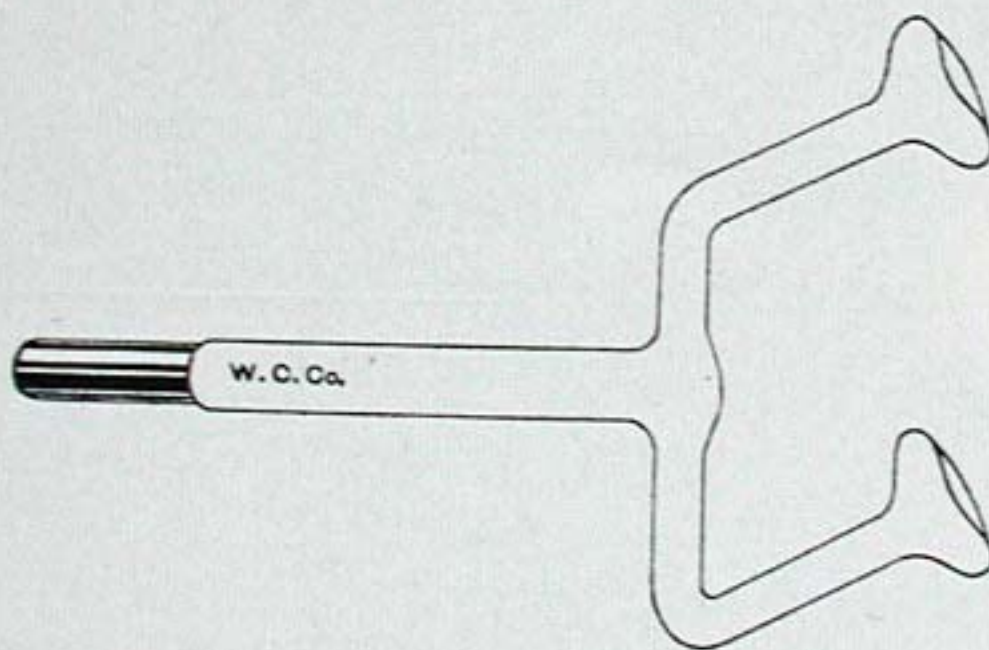
## LIST OF VIRAYO APPLICATORS



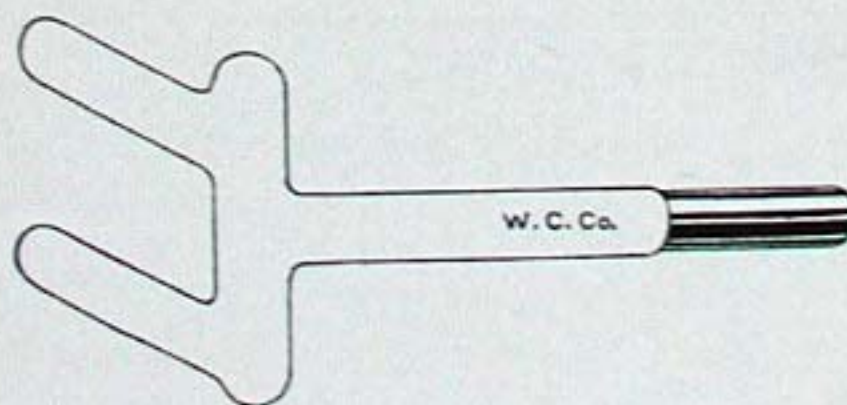
No. 8. External throat applicator, also excellent for neck.....\$1.00



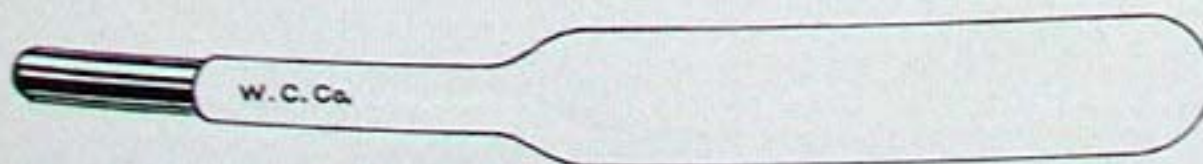
No. 10. Single eye applicator .....\$0.75



No. 11. Double eye applicator .....\$1.50



No. 12. Spinal applicator .....\$1.50



No. 13. Plain vacuum applicator, good for many uses, as for instance for treatment of the vocal chord, over the ovaries, as handle for indirect applications .....\$1.00

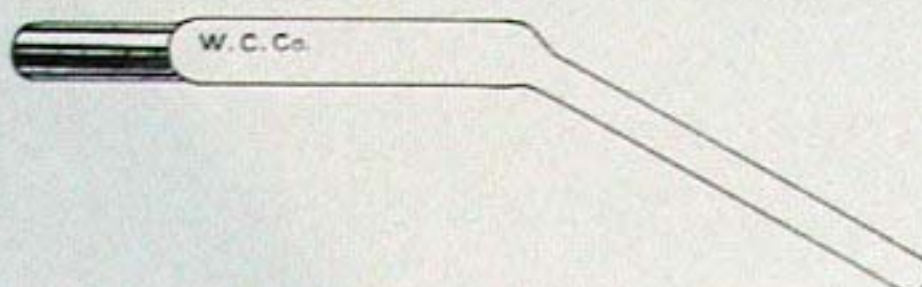


# Vi-Ray-O

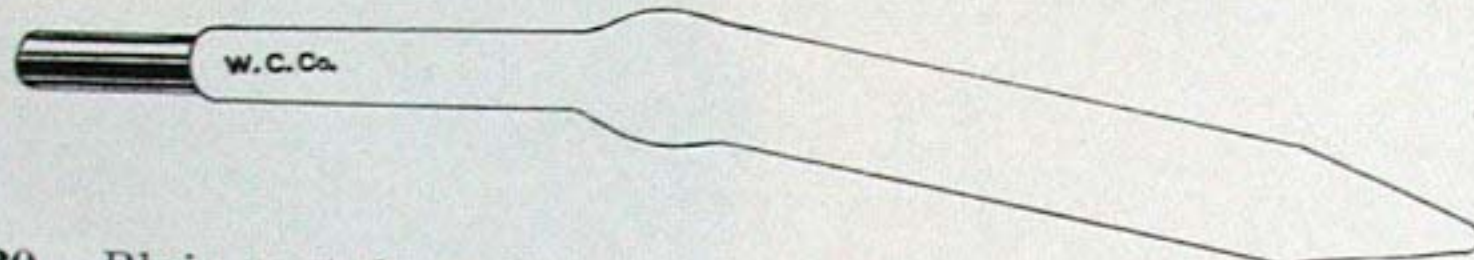
## LIST OF VIRAYO APPLICATORS



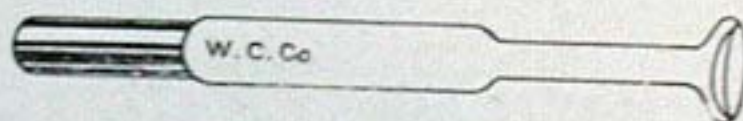
No. 14. Eyelid applicator .....\$0.75



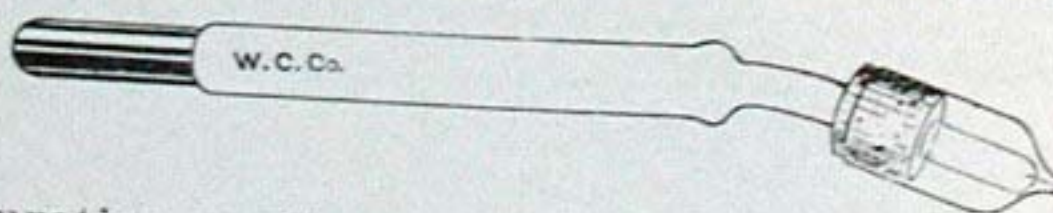
No. 15. Plain nasal applicator .....\$0.75



No. 20. Plain rectal applicator, diameter  $\frac{3}{4}$  in. ....\$0.75



No. 22. Corn applicator .....\$0.75



No. 23. Fulguration applicator for removal of warts, moles, diseased growths, etc. ....\$1.50



No. 26. Insulated spatulum, or tongue applicator .....\$1.75



No. 27. Insulated ear applicator .....\$1.75



No. 28. Metal handle, used in giving the indirect treatment. ....\$1.00

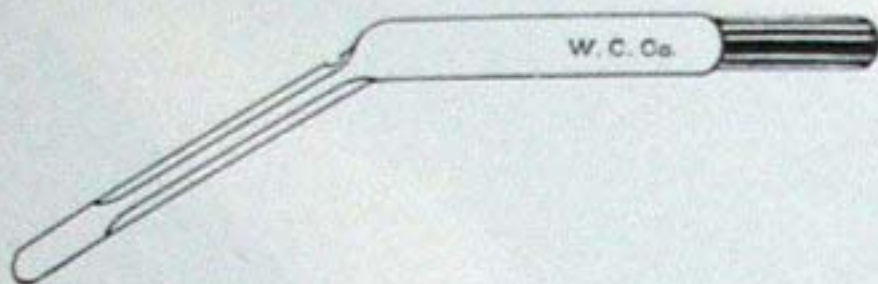


# Vi-Ray-O

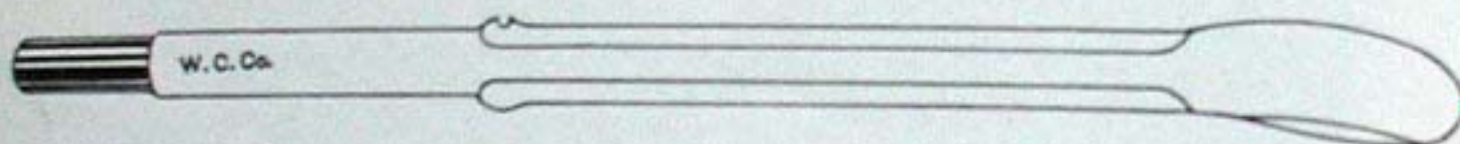
## LIST OF VIRAYO APPLICATORS



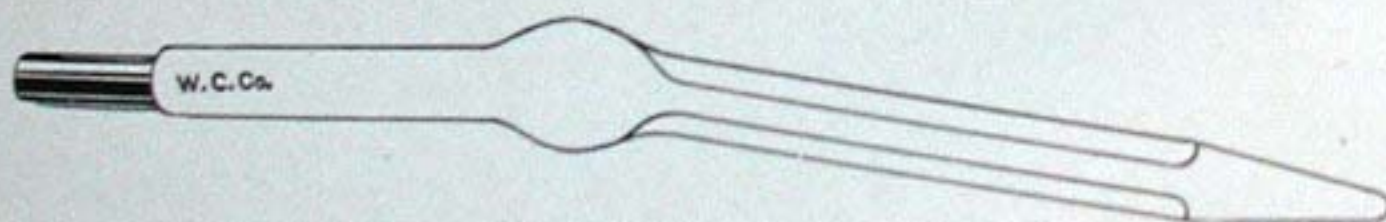
- No. 29. Metal knob, for application of high frequency currents with faradic sensation, for spinal applications to cause reflex action and to locate motor-points .....\$1.50



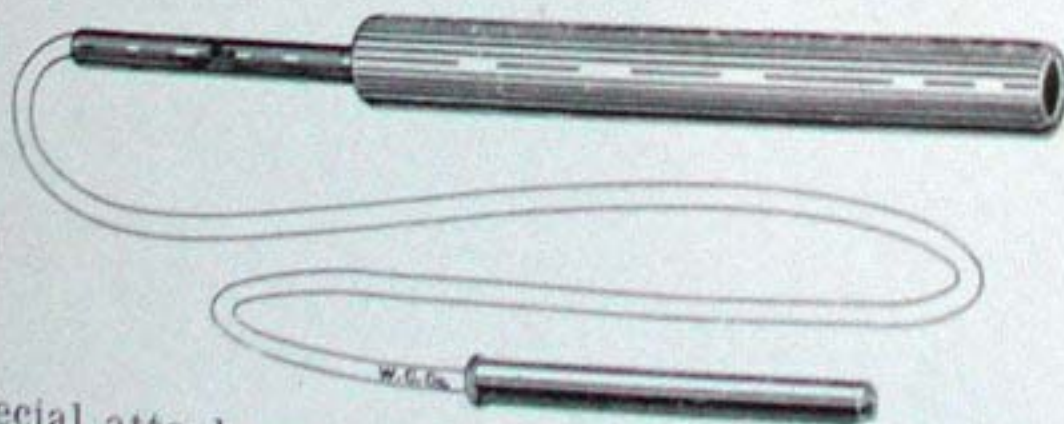
- No. 31. Insulated nasal electrode .....\$1.75



- No. 34. Insulated prostatic electrode .....\$1.75



- No. 35. Insulated rectal electrode, made in three different diameters,  $\frac{5}{8}$ " ,  $\frac{3}{4}$ " ,  $\frac{7}{8}$ " .....\$1.75



- No. 39. Special attachment. This attachment is used by specialists or dentists mostly in connection with any W. Coil High Frequency generator. It allows an easy manipulation of delicate applicators as it is very small and light in weight. The metal connector is inserted into the high frequency instrument, the electrode into the hard rubber handle. The connecting cord, which is well insulated by pure gum tubing, is three feet long .....\$3.00







# ORDER BLANK

191

WESTERN COIL COMPANY

RACINE, WIS.

Gentlemen:

Please send to

by Express, Parcel Post

the following articles

for which I enclose \$

Name

Address











